GenCore version 5.1.4_p5_4578

OM protein - protein search, using sw model

Run on: April 22, 2003, 15:32:22 ; Search time 19 Seconds
(without alignments)
1550.123 Million cell updates/sec

Title: US-10-046-433-40
Perfect score: 1001
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Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 262574 seqs, 29422922 residues

Word size : 0

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 150 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	8	0.8	349	1	US-08-190-029A-10	Sequence 10, Appl
2	8	0.8	349	2	US-08-462-695-10	Sequence 10, Appl
3	7	0.7	100	2	US-08-467-822-23	Sequence 23, Appl
4	7	0.7	100	4	US-08-432-697-23	Sequence 23, Appl
5	7	0.7	100	4	US-08-466-248-23	Sequence 23, Appl
6	7	0.7	249	4	US-09-413-814-100	Sequence 100, App
7	7	0.7	515	4	US-09-171-461-8	Sequence 8, Appli
8	7	0.7	2500	2	US-08-801-263A-2	Sequence 2, Appli
9	7	0.7	2500	3	US-09-102-248-2	Sequence 2, Appli
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11	7	0.7	2517	3	US-09-102-248-5	Sequence 5, Appli
12	7	0.7	2549	4	US-08-471-112A-3	Sequence 3, Appli
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ALIGNMENTS

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RESULT 1
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; Sequence 10, Application US/08190029A
; Patent No. 5736363
;  GENERAL INFORMATION:
;    APPLICANT:  EDWARDS, Richard Mark
;    APPLICANT:  BAWDEN, Lindsey
;    TITLE OF INVENTION:  IGF-II ANALOGUES
;    NUMBER OF SEQUENCES:  12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ALLEGRETTI & WITCOFF, LTD.
;      STREET:  10 S. WACKER DRIVE, SUITE 3000
;      CITY:  CHICAGO
;      STATE:  ILLINOIS
;      COUNTRY:  U.S.A.
;      ZIP:  60606
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/190,029A
;      FILING DATE:  28-FEB-1994
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/GB92/01389
;      FILING DATE:  27-JUL-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  GB 9202401.7
;      FILING DATE:  05-FEB-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  GB 9116325.3
;      FILING DATE:  29-JUL-1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  JOHN J. MCDONNELL
;      REGISTRATION NUMBER:  26,949
;      REFERENCE/DOCKET NUMBER:  94,062
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  312-715-1000
;      TELEFAX:  312-715-1234
;  INFORMATION FOR SEQ ID NO:  10:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  349 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-190-029A-10

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Qy      680 VTLAGGPS 687
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Db      110 VTLAGGPS 117


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; Patent No. 5854025
;  GENERAL INFORMATION:
;    APPLICANT:  EDWARDS, Richard Mark
;    APPLICANT:  BAWDEN, Lindsey
;    TITLE OF INVENTION:  IGF-II ANALOGUES
;    NUMBER OF SEQUENCES:  12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BANNER & ALLEGRETTI, LTD.
;      STREET:  10 S. WACKER DRIVE, SUITE 3000
;      CITY:  CHICAGO
;      STATE:  ILLINOIS
;      COUNTRY:  U.S.A.
;      ZIP:  60606
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/462,695
;      FILING DATE:  5-JUN-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/190,029
;      FILING DATE:  28-FEB-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/GB92/01389
;      FILING DATE:  27-JUL-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  GB 9202401.7
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;       FILING DATE:  05-FEB-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  GB 9116325.3
;       FILING DATE:  29-JUL-1991
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  JOHN J. MCDONNELL
;       REGISTRATION NUMBER:  26,949
;       REFERENCE/DOCKET NUMBER:  94,062-A
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  312-715-1000
;       TELEFAX:  312-715-1234
;   INFORMATION FOR SEQ ID NO:  10:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  349 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-462-695-10

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; Sequence 23, Application US/08467822
; Patent No. 5843460
;  GENERAL INFORMATION:
;    APPLICANT:  Labigne, Agnes
;    APPLICANT:  Sauerbaum, Sebastien
;    APPLICANT:  Ferrero, Richard L.
;    APPLICANT:  Thiberge, Jean-Michel
;    TITLE OF INVENTION:  IMMUNOGENIC COMPOSITIONS AGAINST
;    TITLE OF INVENTION:  HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
;    TITLE OF INVENTION:  COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
;    TITLE OF INVENTION:  POLYPEPTIDES
;    NUMBER OF SEQUENCES:  44
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Finnegan, Henderson, Farabow, Garrett &
;      ADDRESSEE:  Dunner
;      STREET:  1300 I Street, N.W.
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20005-3315
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
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;      APPLICATION NUMBER:  US/08/467,822
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/447,177
;      FILING DATE:  19-MAY-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/432,697
;      FILING DATE:  02-MAY-1995
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meyers, Kenneth J.
;      REGISTRATION NUMBER:  25,146
;      REFERENCE/DOCKET NUMBER:  03495.0137-02000
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 408-4000
;      TELEFAX:  (202) 408-4400
;  INFORMATION FOR SEQ ID NO:  23:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  100 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-467-822-23

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Db      40 SCAIMEG 46


RESULT 4
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; Sequence 23, Application US/08432697
; Patent No. 6248330
;  GENERAL INFORMATION:
;    APPLICANT:  Labigne, Agnes
;    APPLICANT:  Sauerbaum, Sebastien
;    APPLICANT:  Ferrero, Richard L.
;    APPLICANT:  Thiberge, Jean-Michel
;    TITLE OF INVENTION:  IMMUNOGENIC COMPOSITIONS AGAINST
;    TITLE OF INVENTION:  HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
;    TITLE OF INVENTION:  COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
;    TITLE OF INVENTION:  POLYPEPTIDES
;    NUMBER OF SEQUENCES:  44
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Finnegan, Henderson, Farabow, Garrett &
;      ADDRESSEE:  Dunner
;      STREET:  1300 I Street, N.W.
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20005-3315
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/432,697
;      FILING DATE:  02-MAY-1995
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meyers, Kenneth J.
;      REGISTRATION NUMBER:  25,146
;      REFERENCE/DOCKET NUMBER:  03495.0137-00000
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 408-4000
;      TELEFAX:  (202) 408-4400
;  INFORMATION FOR SEQ ID NO:  23:
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;      LENGTH:  100 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
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US-08-432-697-23

  Query Match             0.7%;  Score 7;  DB 4;  Length 100;
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Db      40 SCAIMEG 46
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; Sequence 23, Application US/08466248
; Patent No. 6258359
;  GENERAL INFORMATION:
;    APPLICANT:  Labigne, Agnes
;    APPLICANT:  Sauerbaum, Sebastien
;    APPLICANT:  Ferrero, Richard L.
;    APPLICANT:  Thiberge, Jean-Michel
;    TITLE OF INVENTION:  IMMUNOGENIC COMPOSITIONS AGAINST
;    TITLE OF INVENTION:  HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
;    TITLE OF INVENTION:  COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
;    TITLE OF INVENTION:  POLYPEPTIDES
;    NUMBER OF SEQUENCES:  44
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Finnegan, Henderson, Farabow, Garrett &
;      ADDRESSEE:  Dunner
;      STREET:  1300 I Street, N.W.
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20005-3315
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/466,248
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/447,177
;      FILING DATE:  19-MAY-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/432,697
;      FILING DATE:  02-MAY-1995
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meyers, Kenneth J.
;      REGISTRATION NUMBER:  25,146
;      REFERENCE/DOCKET NUMBER:  03495.0137-02000
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 408-4000
;      TELEFAX:  (202) 408-4400
;  INFORMATION FOR SEQ ID NO:  23:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  100 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-466-248-23

  Query Match             0.7%;  Score 7;  DB 4;  Length 100;
  Best Local Similarity   100.0%;  Pred. No. 33;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     960 SCAIMEG 966
           |||||||
Db      40 SCAIMEG 46


RESULT 6
US-09-413-814-100
; Sequence 100, Application US/09413814
; Patent No. 6225064
; GENERAL INFORMATION:
;  APPLICANT: Gesellschaft fuer Biotechnologische Forschung mbH
;  APPLICANT: Bristol-Myers Squibb, Co.
;  APPLICANT: Beyer, Stefan
;  APPLICANT: Bloecker, Helmut
;  APPLICANT: Brandt, Petra
;  APPLICANT: Cino, Paul M
;  APPLICANT: Dougherty, Brian A
;  APPLICANT: Goldberg, Steven L
;  APPLICANT: Hofle, Gerhard
;  APPLICANT: Mueller, Joachim
;  APPLICANT: Reichenbach, Hans
;  TITLE OF INVENTION: DNA sequences for enzymatic synthesis of polyketide or
;  TITLE OF INVENTION: heteropolyketide compounds
;  FILE REFERENCE: PCT/US 99/23535
;  CURRENT APPLICATION NUMBER: US/09/413,814
;  CURRENT FILING DATE: 1999-10-07
;  EARLIER APPLICATION NUMBER: DE 198 46 493.2
;  EARLIER FILING DATE: 1998-10-09
;  NUMBER OF SEQ ID NOS: 107
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
;   LENGTH: 249
;   TYPE: PRT
;   ORGANISM: Sorangium cellulosum
US-09-413-814-100

  Query Match             0.7%;  Score 7;  DB 4;  Length 249;
  Best Local Similarity   100.0%;  Pred. No. 79;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     867 IVSSCVA 873
           |||||||
Db     113 IVSSCVA 119


RESULT 7
US-09-171-461-8
; Sequence 8, Application US/09171461
; Patent No. 6335016
; GENERAL INFORMATION:
;  APPLICANT: Baker, Adam
;  APPLICANT: Cotten, Matthew
;  APPLICANT: Chiocca, Susanna
;  APPLICANT: Kurzbauer, Robert
;  APPLICANT: Schaffner, Gotthold
;  TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
;  FILE REFERENCE: 0652.1800000
;  CURRENT APPLICATION NUMBER: US/09/171,461
;  CURRENT FILING DATE: 1999-01-12
;  EARLIER APPLICATION NUMBER: PCT/EP97/01944
;  EARLIER FILING DATE: 1997-04-18
;  NUMBER OF SEQ ID NOS: 54
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
;   LENGTH: 515
;   TYPE: PRT
;   ORGANISM: CELO Virus
;   FEATURE:
;   OTHER INFORMATION: Position: 15110..16657 /gene: L2 /product: penton
;   OTHER INFORMATION: base
US-09-171-461-8

  Query Match             0.7%;  Score 7;  DB 4;  Length 515;
  Best Local Similarity   100.0%;  Pred. No. 1.6e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     720 DLRIPEG 726
           |||||||
Db     181 DLRIPEG 187


RESULT 8
US-08-801-263A-2
; Sequence 2, Application US/08801263A
; Patent No. 5811407
```

```
;  GENERAL INFORMATION:
;    APPLICANT:  Johnston, Robert E.
;    APPLICANT:  Davis, Nancy L.
;    APPLICANT:  Simpson, Dennis A.
;    TITLE OF INVENTION:  System for the In Vivo Delivery and
;    TITLE OF INVENTION:  Expression of Heterologous Genes in the Bone Marrow
;    NUMBER OF SEQUENCES:  12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bell Seltzer Park & Gibson, P.A.
;      STREET:  1211 East Morehead Street
;      CITY:  Charlotte
;      STATE:  No. 5811407th Carolina
;      COUNTRY:  USA
;      ZIP:  28234
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/801,263A
;      FILING DATE:  19-FEB-1997
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sibley, Kenneth D.
;      REGISTRATION NUMBER:  31,665
;      REFERENCE/DOCKET NUMBER:  5470-147
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  919-420-2200
;      TELEFAX:  919-881-3175
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2500 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-801-263A-2

  Query Match             0.7%;  Score 7;  DB 2;  Length 2500;
  Best Local Similarity   100.0%;  Pred. No. 7.1e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     532 KGKQSYT 538
           |||||||
Db     268 KGKQSYT 274


RESULT 9
US-09-102-248-2
; Sequence 2, Application US/09102248
; Patent No. 6008035
;  GENERAL INFORMATION:
;    APPLICANT:  Johnston, Robert E.
;    APPLICANT:  Davis, Nancy L.
;    APPLICANT:  Simpson, Dennis A.
;    TITLE OF INVENTION:  System for the In Vivo Delivery and
;    TITLE OF INVENTION:  Expression of Heterologous Genes in the Bone Marrow
;    NUMBER OF SEQUENCES:  12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bell Seltzer Park & Gibson, P.A.
;      STREET:  1211 East Morehead Street
;      CITY:  Charlotte
;      STATE:  No. 6008035th Carolina
;      COUNTRY:  USA
;      ZIP:  28234
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/102,248
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/801,263
;      FILING DATE:  19-FEB-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sibley, Kenneth D.
;      REGISTRATION NUMBER:  31,665
;      REFERENCE/DOCKET NUMBER:  5470-147
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  919-420-2200
;      TELEFAX:  919-881-3175
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2500 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-102-248-2

  Query Match             0.7%;  Score 7;  DB 3;  Length 2500;
  Best Local Similarity   100.0%;  Pred. No. 7.1e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     532 KGKQSYT 538
           |||||||
Db     268 KGKQSYT 274


RESULT 10
US-08-801-263A-5
; Sequence 5, Application US/08801263A
; Patent No. 5811407
;  GENERAL INFORMATION:
;    APPLICANT:  Johnston, Robert E.
;    APPLICANT:  Davis, Nancy L.
;    APPLICANT:  Simpson, Dennis A.
;    TITLE OF INVENTION:  System for the In Vivo Delivery and
;    TITLE OF INVENTION:  Expression of Heterologous Genes in the Bone Marrow
;    NUMBER OF SEQUENCES:  12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bell Seltzer Park & Gibson, P.A.
;      STREET:  1211 East Morehead Street
;      CITY:  Charlotte
;      STATE:  No. 5811407th Carolina
;      COUNTRY:  USA
;      ZIP:  28234
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/801,263A
;      FILING DATE:  19-FEB-1997
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sibley, Kenneth D.
;      REGISTRATION NUMBER:  31,665
;      REFERENCE/DOCKET NUMBER:  5470-147
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  919-420-2200
;      TELEFAX:  919-881-3175
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2517 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-801-263A-5

  Query Match             0.7%;  Score 7;  DB 2;  Length 2517;
  Best Local Similarity   100.0%;  Pred. No. 7.1e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy     532 KGKQSYT 538
           |||||||
Db     268 KGKQSYT 274


RESULT 11
US-09-102-248-5
; Sequence 5, Application US/09102248
; Patent No. 6008035
;  GENERAL INFORMATION:
;    APPLICANT:  Johnston, Robert E.
;    APPLICANT:  Davis, Nancy L.
;    APPLICANT:  Simpson, Dennis A.
;    TITLE OF INVENTION:  System for the In Vivo Delivery and
;    TITLE OF INVENTION:  Expression of Heterologous Genes in the Bone Marrow
;    NUMBER OF SEQUENCES:  12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bell Seltzer Park & Gibson, P.A.
;      STREET:  1211 East Morehead Street
;      CITY:  Charlotte
;      STATE:  No. 6008035th Carolina
;      COUNTRY:  USA
;      ZIP:  28234
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/102,248
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/801,263
;      FILING DATE:  19-FEB-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sibley, Kenneth D.
;      REGISTRATION NUMBER:  31,665
;      REFERENCE/DOCKET NUMBER:  5470-147
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  919-420-2200
;      TELEFAX:  919-881-3175
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2517 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-102-248-5

  Query Match             0.7%;  Score 7;  DB 3;  Length 2517;
  Best Local Similarity   100.0%;  Pred. No. 7.1e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     532 KGKQSYT 538
           |||||||
Db     268 KGKQSYT 274


RESULT 12
US-08-471-112A-3
; Sequence 3, Application US/08471112A
; Patent No. 6313264
;  GENERAL INFORMATION:
;    APPLICANT:  Molnar-Kimber, Katherine L.
;    APPLICANT:  Failli, Amedeo F.
;    APPLICANT:  Caggiano, Thomas J.
;    APPLICANT:  Nakanishi, Koji
;    APPLICANT:  Chen, Yanqiu
;    TITLE OF INVENTION:  EFFECTOR PROTEINS OF RAPAMYCIN
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Finnegan, Henderson, Farabow, Garrett &
;      ADDRESSEE:  Dunner, L.L.P.
;      STREET:  1300 I Street, N.W.
;      CITY:  Washington
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005-3315
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/471,112A
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:  536
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/384,524
;      FILING DATE:  13-FEB-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/312,023
;      FILING DATE:  26-SEP-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/207,975
;      FILING DATE:  08-MAR-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Siekman, Michael T.
;      REGISTRATION NUMBER:  36,276
;      REFERENCE/DOCKET NUMBER:  01142.0058-00000
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-408-4000
;      TELEFAX:  202-408-4400
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2549 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-471-112A-3

  Query Match             0.7%;  Score 7;  DB 4;  Length 2549;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     594 EASDVGS 600
           |||||||
Db     575 EASDVGS 581


RESULT 13
PCT-US95-06722-12
; Sequence 12, Application PC/TUS9506722
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  Immunosuppressant Target Proteins
;    NUMBER OF SEQUENCES:  25
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  ASCII (text)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/06722
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/250,795
;      FILING DATE:  27-MAY-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/250,795
;      FILING DATE:  20-DEC-1994
;  INFORMATION FOR SEQ ID NO:  12:
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;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2549 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US95-06722-12

  Query Match             0.7%;  Score 7;  DB 5;  Length 2549;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     594 EASDVGS 600
           |||||||
Db     575 EASDVGS 581


RESULT 14
US-08-526-136-22
; Sequence 22, Application US/08526136
; Patent No. 6107089
;  GENERAL INFORMATION:
;    APPLICANT:  Towle, Christine A. et al.
;    TITLE OF INVENTION:  ANNEXIN XI
;    NUMBER OF SEQUENCES:  36
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  U.S.A.
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5" Diskette, 1.44 Mb
;      COMPUTER:  IBM PS/2 Model 50Z or 55SX
;      OPERATING SYSTEM:  IBM P.C. DOS (Version 3.30)
;      SOFTWARE:  WordPerfect (Version 5.0)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/526,136
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/214,036
;      FILING DATE:
;      APPLICATION NUMBER:  07/837,775
;      FILING DATE:  February 13, 1992
;      APPLICATION NUMBER:  07/764,465
;      FILING DATE:  September 23, 1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  00786/099001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617) 542-5070
;      TELEFAX:  (617) 542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  22:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  13
;      TYPE:  amino acid
;      STRANDEDNESS:  N/A
;      TOPOLOGY:  N/A
US-08-526-136-22

  Query Match             0.6%;  Score 6;  DB 3;  Length 13;
  Best Local Similarity   100.0%;  Pred. No. 51;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      37 QVTQGT 42
           ||||||
Db       5 QVTQGT 10


RESULT 15
US-08-321-668-27
; Sequence 27, Application US/08321668
; Patent No. 5665859
; GENERAL INFORMATION:
;   APPLICANT:  WALLACH, David
;   APPLICANT:  BRAKEBUSCH, Cord
;   APPLICANT:  VARFOLOMEEV, Eugene
;   APPLICANT:  BATKIN, Michael
;   TITLE OF INVENTION:  MOLECULES INFLUENCING THE SHEDDING OF
;   TITLE OF INVENTION:  THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
;   NUMBER OF SEQUENCES:  42
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  BROWDY AND NEIMARK
;     STREET:  419 Seventh Street, N.W., Suite 300
;     CITY:  Washington
;     STATE:  D.C.
;     COUNTRY:  USA
;     ZIP:  20004
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/321,668
;     FILING DATE:  12-OCT-1994
;     CLASSIFICATION:  435
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  IL 107268
;     FILING DATE:  12-OCT-1993
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  BROWDY, Roger L.
;     REGISTRATION NUMBER:  25,618
;     REFERENCE/DOCKET NUMBER:  WALLACH=13
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  202-628-5197
;     TELEFAX:  202-737-3528
;     TELEX:  248633
; INFORMATION FOR SEQ ID NO:  27:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH:  14 amino acids
;     TYPE:  amino acid
;     STRANDEDNESS:  single
;     TOPOLOGY:  linear
;   MOLECULE TYPE:  peptide
;   FEATURE:
;     OTHER INFORMATION:  /note= hu p55 TNF-R mutant
;     OTHER INFORMATION:  construct N 172 P
US-08-321-668-27

  Query Match             0.6%;  Score 6;  DB 1;  Length 14;
  Best Local Similarity   100.0%;  Pred. No. 55;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      85 PVKGTE 90
           ||||||
Db       3 PVKGTE 8


RESULT 16
US-08-837-941-27
; Sequence 27, Application US/08837941
; Patent No. 5766917
; GENERAL INFORMATION:
;   APPLICANT:  WALLACH, David
;   APPLICANT:  BRAKEBUSCH, Cord
;   APPLICANT:  VARFOLOMEEV, Eugene
;   APPLICANT:  BATKIN, Michael
;   TITLE OF INVENTION:  MOLECULES INFLUENCING THE SHEDDING OF
;   TITLE OF INVENTION:  THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
;   NUMBER OF SEQUENCES:  42
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  BROWDY AND NEIMARK
```

```
;       STREET:  419 Seventh Street, N.W., Suite 300
;       CITY:  Washington
;       STATE:  D.C.
;       COUNTRY:  USA
;       ZIP:  20004
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/837,941
;       FILING DATE:  28-APR-1997
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/321,668
;       FILING DATE:  12-OCT-1994
;       APPLICATION NUMBER:  IL 107268
;       FILING DATE:  12-OCT-1993
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  BROWDY, Roger L.
;       REGISTRATION NUMBER:  25,618
;       REFERENCE/DOCKET NUMBER:  WALLACH=13
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  202-628-5197
;       TELEFAX:  202-737-3528
;       TELEX:  248633
;   INFORMATION FOR SEQ ID NO:  27:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  14 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
;     FEATURE:
;       OTHER INFORMATION:  /note= hu p55 TNF-R mutant
;       OTHER INFORMATION:  construct N 172 P
US-08-837-941-27

  Query Match             0.6%;  Score 6;  DB 1;  Length 14;
  Best Local Similarity   100.0%;  Pred. No. 55;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      85 PVKGTE 90
           ||||||
Db       3 PVKGTE 8


RESULT 17
5472691-5
;Patent No. 5472691
;     APPLICANT: MARKLUND, STEFAN;EDLUND, THOMAS
;     TITLE OF INVENTION: SUPEROXIDE DISMUTASE
;     NUMBER OF SEQUENCES: 7
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/125,744
;       FILING DATE: 24-SP-1993
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: 897,624
;       FILING DATE: 12-JUN-1992
;       APPLICATION NUMBER: 576,114
;       FILING DATE: 27-aug-1990
;       APPLICATION NUMBER: 902,596
;       FILING DATE: 02-sep-1986
;SEQ ID NO:5:
;       LENGTH: 18
5472691-5

  Query Match             0.6%;  Score 6;  DB 6;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 70;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     461 AAGASD 466
           ||||||
Db      12 AAGASD 17


RESULT 18
US-09-549-831-7
; Sequence 7, Application US/09549831
; Patent No. 6429305
; GENERAL INFORMATION:
;  APPLICANT:  Chang, Chi-Yao
;  APPLICANT:  Chang, Chia-Ching
;  APPLICANT:  Leu, Kuen-Lin
;  APPLICANT:  Tsai, Chih-Tung
;  APPLICANT:  Ting, Jing-Wen
;  APPLICANT:  Lin, Chih-Hung
;  TITLE OF INVENTION:  FISH GROWTH HORMONES
;  FILE REFERENCE:  08191-039001
;  CURRENT APPLICATION NUMBER: US/09/549,831
;  CURRENT FILING DATE:  2000-04-14
;  NUMBER OF SEQ ID NOS:  18
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 7
;   LENGTH: 19
;   TYPE: PRT
;   ORGANISM: Epinephelus awoara
US-09-549-831-7

  Query Match             0.6%;  Score 6;  DB 4;  Length 19;
  Best Local Similarity   100.0%;  Pred. No. 73;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     754 GVSSQP 759
           ||||||
Db      14 GVSSQP 19


RESULT 19
US-09-392-055-13
; Sequence 13, Application US/09392055
; Patent No. 6331395
;  GENERAL INFORMATION:
;    APPLICANT:  Burchell, Ann
;    APPLICANT:  Hume, Robert
;    TITLE OF INVENTION:  Prenatal Diagnostic Methods
;    NUMBER OF SEQUENCES:  13
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Oppenheimer Wolff & Donnelly LLP
;      STREET:  2029 Century Park East, Suite 3800
;      CITY:  Los Angeles
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  90067
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  MS Windows 98
;      SOFTWARE:  MS Word 97
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/392,055
;      FILING DATE:  September 9, 1999
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/GB98/00656
;      FILING DATE:  March 3, 1998
;      APPLICATION NUMBER:  60/067,520
;      FILING DATE:  December 4, 1997
;      APPLICATION NUMBER:  GB 9704876.3
;      FILING DATE:  March 8, 1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Farber, Michael B.
;      REGISTRATION NUMBER:  32,612
;      REFERENCE/DOCKET NUMBER:  350013-59
;  INFORMATION FOR SEQ ID NO:  13:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-392-055-13

Query Match 0.6%; Score 6; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 77;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 915 AGTCTA 920
||||||
Db 10 AGTCTA 15

RESULT 20
US-08-924-629C-23
; Sequence 23, Application US/08924629C
; Patent No. 6403082
; GENERAL INFORMATION:
; APPLICANT: Stiles, Michael E.
; APPLICANT: Vederas, John C.
; APPLICANT: van Belkum, Marius J.
; APPLICANT: Worobo, Randy W.
; APPLICANT: Worobo, Rodney J.
; APPLICANT: Greer, G. Gordon
; APPLICANT: McMullen, Lynn M.
; APPLICANT: Leisner, Jorgen J.
; APPLICANT: Poon, Alsion
; APPLICANT: Franz, Charles M.A.P.
; TITLE OF INVENTION: No. 6403082elBacteriocins, Transport and Vector System and Method
; FILE REFERENCE: 660.0005US
; CURRENT APPLICATION NUMBER: US/08/924,629C
; CURRENT FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/026,257
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 41
; TYPE: PRT
; ORGANISM: Divergicin signal peptide;
US-08-924-629C-23

Query Match 0.6%; Score 6; DB 4; Length 41;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 544 NTTTSF 549
||||||
Db 35 NTTTSF 40

RESULT 21
US-08-924-629C-24
; Sequence 24, Application US/08924629C
; Patent No. 6403082
; GENERAL INFORMATION:
; APPLICANT: Stiles, Michael E.
; APPLICANT: Vederas, John C.
; APPLICANT: van Belkum, Marius J.
; APPLICANT: Worobo, Randy W.
; APPLICANT: Worobo, Rodney J.
; APPLICANT: Greer, G. Gordon
; APPLICANT: McMullen, Lynn M.
; APPLICANT: Leisner, Jorgen J.
; APPLICANT: Poon, Alsion
; APPLICANT: Franz, Charles M.A.P.
; TITLE OF INVENTION: No. 6403082elBacteriocins, Transport and Vector System and Method
; FILE REFERENCE: 660.0005US
; CURRENT APPLICATION NUMBER: US/08/924,629C
; CURRENT FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/026,257
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 41
; TYPE: PRT
; ORGANISM: divergicin signal peptide
US-08-924-629C-24

Query Match 0.6%; Score 6; DB 4; Length 41;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 544 NTTTSF 549
||||||
Db 35 NTTTSF 40

RESULT 22
US-09-306-446C-13
; Sequence 13, Application US/09306446C
; Patent No. 6372959
; GENERAL INFORMATION:
; APPLICANT: KIM, Dong Soo
; APPLICANT: KIM, Chul Geun
; APPLICANT: NAM, Yoon Kwon
; APPLICANT: NOH, Jae Koo
; APPLICANT: CHO, Kyou Nam
; TITLE OF INVENTION: EXPRESSION VECTOR OF MUD LOACH GROWTH HORMONE GENE
; FILE REFERENCE: P06344US0/BAS
; CURRENT APPLICATION NUMBER: US/09/306,446C
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: KR 98/20255
; PRIOR FILING DATE: 1998-06-01
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 54
; TYPE: PRT
; ORGANISM: Misgurnus mizolepus
US-09-306-446C-13

Query Match 0.6%; Score 6; DB 4; Length 54;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 909 LKVGIS 914
||||||
Db 45 LKVGIS 50

RESULT 23
US-08-287-959-18
; Sequence 18, Application US/08287959
; Patent No. 5639651
; GENERAL INFORMATION:
; APPLICANT: Weissbach, Lawrence
; APPLICANT: Bernards, Andre
; APPLICANT: Settleman, Jeffrey
; TITLE OF INVENTION: GAP-RELATED GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/287,959
;       FILING DATE:  August 9, 1994
;       CLASSIFICATION:  514
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Clark, Paul C.
;       REGISTRATION NUMBER:  30,162
;       REFERENCE/DOCKET NUMBER:  00786/181001
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (617) 542-5070
;       TELEFAX:  (617) 542-8906
;       TELEX:  200154
;   INFORMATION FOR SEQ ID NO:  18:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  59 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
US-08-287-959-18

  Query Match             0.6%;  Score 6;  DB 1;  Length 59;
  Best Local Similarity   100.0%;  Pred. No. 2.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     673 FSALAN 678
           ||||||
Db       3 FSALAN 8


RESULT 24
US-08-936-165A-433
; Sequence 433, Application US/08936165A
; Patent No. 6348582
;  GENERAL INFORMATION:
;     APPLICANT:  Black, Michael
;     APPLICANT:  Burnham, Martin
;     APPLICANT:  Hodgson, John
;     APPLICANT:  Knowles, David
;     APPLICANT:  Lonetto, Michael
;     APPLICANT:  Nicholas, Richard
;     APPLICANT:  Pratt, Julie
;     APPLICANT:  Reichard, Richard
;     APPLICANT:  Rosenberg, Martin
;     APPLICANT:  Ward, Judith
;     TITLE OF INVENTION:  No. 6348582el Prokaryotic Polynucleotides,
;     TITLE OF INVENTION:  Polypeptides and Their Uses
;     NUMBER OF SEQUENCES:  534
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  SmithKline Beecham Corporation
;       STREET:  709 Swedeland Road
;       CITY:  King of Prussia
;       STATE:  PA
;       COUNTRY:  USA
;       ZIP:  19406-0939
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Diskette
;       COMPUTER:  IBM Compatible
;       OPERATING SYSTEM:  DOS
;       SOFTWARE:  FastSEQ for Windows Version 2.0
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/936,165A
;       FILING DATE:  24-SEP-1997
;       CLASSIFICATION:  536
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  60/027,032
;       FILING DATE:  24-SEP-1996
;     ATTORNEY/AGENT INFORMATION:
;     , NAME:  Gimmi, Edward R
;       REGISTRATION NUMBER:  38,891
;       REFERENCE/DOCKET NUMBER:  P50549
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  610-270-4478
;       TELEFAX:  610-270-5090
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  433:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  65 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  Protein.
US-08-936-165A-433

  Query Match             0.6%;  Score 6;  DB 4;  Length 65;
  Best Local Similarity   100.0%;  Pred. No. 2.4e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     434 ETTVLS 439
           ||||||
Db      52 ETTVLS 57


RESULT 25
US-09-134-001C-5668
; Sequence 5668, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
;  APPLICANT: Lynn Doucette-Stamm et al
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
;  TITLE OF INVENTION:  EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: GTC-007
;  CURRENT APPLICATION NUMBER: US/09/134,001C
;  CURRENT FILING DATE:  1998-08-13
;  PRIOR APPLICATION NUMBER: US 60/064,964
;  PRIOR FILING DATE: 1997-11-08
;  PRIOR APPLICATION NUMBER: US 60/055,779
;  PRIOR FILING DATE: 1997-08-14
;  NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 5668
;   LENGTH: 69
;   TYPE: PRT
;   ORGANISM: Staphylococcus epidermidis
US-09-134-001C-5668

  Query Match             0.6%;  Score 6;  DB 4;  Length 69;
  Best Local Similarity   100.0%;  Pred. No. 2.5e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     921 ILLTVL 926
           ||||||
Db      11 ILLTVL 16


RESULT 26
US-09-288-143-214
; Sequence 214, Application US/09288143
; Patent No. 6433139
; GENERAL INFORMATION:
;  APPLICANT: Brewer et al.
;  TITLE OF INVENTION: 53 Human Secreted Proteins
;  FILE REFERENCE: PZ018P1
;  CURRENT APPLICATION NUMBER: US/09/288,143
;  CURRENT FILING DATE: 1999-04-08
;  EARLIER APPLICATION NUMBER: PCT/US98/21142
;  EARLIER FILING DATE: 1998-10-08
;  EARLIER APPLICATION NUMBER: 60/061,463
;  EARLIER FILING DATE: 1997-10-09
;  EARLIER APPLICATION NUMBER: 60/061,529
;  EARLIER FILING DATE: 1997-10-09
;  EARLIER APPLICATION NUMBER: 60/071,498
;  EARLIER FILING DATE: 1997-10-09
;  EARLIER APPLICATION NUMBER: 60/061,527
;  EARLIER FILING DATE: 1997-10-09
;  EARLIER APPLICATION NUMBER: 60/061,536
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; EARLIER FILING DATE: 1997-10-09
; EARLIER APPLICATION NUMBER: 60/061,532
; EARLIER FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 214
; LENGTH: 70
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-288-143-214

Query Match 0.6%; Score 6; DB 4; Length 70;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 624 NTILKA 629
||||||
Db 56 NTILKA 61

RESULT 27
US-09-724-864-58
; Sequence 58, Application US/09724864
; Patent No. 6380362
; GENERAL INFORMATION:
; APPLICANT: Watson, James D
; APPLICANT: Murison, James G.
; TITLE OF INVENTION: Polynucleotides, polypeptides expressed
; TITLE OF INVENTION: by the polynucleotides and methods for their use.
; FILE REFERENCE: 11000.1050U1
; CURRENT APPLICATION NUMBER: US/09/724,864
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 58
; LENGTH: 88
; TYPE: PRT
; ORGANISM: Mouse
US-09-724-864-58

Query Match 0.6%; Score 6; DB 4; Length 88;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 592 ALEASD 597
||||||
Db 17 ALEASD 22

RESULT 28
US-08-928-383B-9
; Sequence 9, Application US/08928383B
; Patent No. 6210921
; GENERAL INFORMATION:
; APPLICANT: Robert W. Finberg, Jeffrey M. Bergelson,
; APPLICANT: and Marshall S. Horwitz
; TITLE OF INVENTION: CAR, A No. 6210921el Coxsackievirus and Adenovirus
; TITLE OF INVENTION: Receptor
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/928,383B
; FILING DATE: 12-SEP-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/026,100
; FILING DATE: 13-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: DFN-020
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 101 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-928-383B-9

Query Match 0.6%; Score 6; DB 4; Length 101;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 921 ILLTVL 926
||||||
Db 95 ILLTVL 100

RESULT 29
US-09-083-351-8
; Sequence 8, Application US/09083351
; Patent No. 6087107
; GENERAL INFORMATION:
; APPLICANT: Sheffield, Val C.
; APPLICANT: Alward, Wallace L.M.
; APPLICANT: Stone, Edwin M.
; APPLICANT: Nishimura, Darryl
; APPLICANT: Patil, Shiva
; TITLE OF INVENTION: THERAPEUTICS AND DIAGNOSTICS FOR
; TITLE OF INVENTION: CONGENITAL HEART DISEASE BASED ON A NOVEL HUMAN
; TITLE OF INVENTION: TRANSCRIPTION FACTOR
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,351
; FILING DATE: 22-MAY-1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: UIA-029.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 106 amino acids
; TYPE: amino acid

```
;       STRANDEDNESS:
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-09-083-351-8

  Query Match              0.6%;  Score 6;  DB 3;  Length 106;
  Best Local Similarity   100.0%;  Pred. No. 3.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     895 PEQRVT 900
           ||||||
Db      23 PEQRVT 28


RESULT 30
US-09-083-352-8
; Sequence 8, Application US/09083352
; Patent No. 6207450
;  GENERAL INFORMATION:
;     APPLICANT:  Sheffield, Val C.
;     APPLICANT:  Alward, Wallace L.M.
;     APPLICANT:  Stone, Edwin M.
;     APPLICANT:  Nishimura, Darryl
;     APPLICANT:  Patil, Shiva
;     TITLE OF INVENTION:  GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
;     TITLE OF INVENTION:  BASED ON A NOVEL HUMAN TRANSCRIPTION FACTOR
;     NUMBER OF SEQUENCES:  22
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  FOLEY, HOAG & ELIOT LLP
;       STREET:  One Post Office Square
;       CITY:  Boston
;       STATE:  MA
;       COUNTRY:  USA
;       ZIP:  02109-2170
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/083,352
;       FILING DATE:  22-MAY-1998
;       CLASSIFICATION:  514
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Arnold, Beth E.
;       REGISTRATION NUMBER:  35,430
;       REFERENCE/DOCKET NUMBER:  UIA-029.01
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  617-832-1000
;       TELEFAX:  617-832-7000
;   INFORMATION FOR SEQ ID NO:  8:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  106 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-09-083-352-8

  Query Match              0.6%;  Score 6;  DB 4;  Length 106;
  Best Local Similarity   100.0%;  Pred. No. 3.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     895 PEQRVT 900
           ||||||
Db      23 PEQRVT 28


RESULT 31
US-08-928-383B-8
; Sequence 8, Application US/08928383B
; Patent No. 6210921
;  GENERAL INFORMATION:
;     APPLICANT:  Robert W. Finberg, Jeffrey M. Bergelson,
;     APPLICANT:  and Marshall S. Horwitz
;     TITLE OF INVENTION:  CAR, A No. 6210921el Coxsackievirus and Adenovirus
;     TITLE OF INVENTION:  Receptor
;     NUMBER OF SEQUENCES:  26
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  LAHIVE & COCKFIELD, LLP
;       STREET:  28 State Street
;       CITY:  Boston
;       STATE:  Massachusetts
;       COUNTRY:  USA
;       ZIP:  02109
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/928,383B
;       FILING DATE:  12-SEP-1997
;       CLASSIFICATION:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 60/026,100
;       FILING DATE:  13-SEP-1996
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Mandragouras, Amy E.
;       REGISTRATION NUMBER:  36,207
;       REFERENCE/DOCKET NUMBER:  DFN-020
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (617)227-7400
;       TELEFAX:  (617)742-4214
;   INFORMATION FOR SEQ ID NO:  8:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  106 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
;     FRAGMENT TYPE:  internal
US-08-928-383B-8

  Query Match              0.6%;  Score 6;  DB 4;  Length 106;
  Best Local Similarity   100.0%;  Pred. No. 3.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     574 SINVTN 579
           ||||||
Db      71 SINVTN 76


RESULT 32
US-08-478-039-89
; Sequence 89, Application US/08478039
; Patent No. 5681722
;  GENERAL INFORMATION:
;     APPLICANT:  Newman, Roland A.
;     APPLICANT:  Hanna, Nabil
;     APPLICANT:  Raab, Ronald W.
;     TITLE OF INVENTION:  Recombinant Antibodies for Human Therapy
;     NUMBER OF SEQUENCES:  114
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  BURNS, DOANE, SWECKER & MATHIS
;       STREET:  699 Prince St.
;       CITY:  Alexandria
;       STATE:  VA
;       COUNTRY:  USA
;       ZIP:  22313-1404
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/478,039
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; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,072
; FILING DATE: 25-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/735,064
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin Esq., Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-160
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 112 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; ORIGINAL SOURCE:
; ORGANISM: Monkey
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: VKII clone K2-8
US-08-478-039-89

Query Match 0.6%; Score 6; DB 1; Length 112;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 642 GPGTKN 647
||||||
Db 104 GPGTKN 109

RESULT 33
US-08-476-349A-89
; Sequence 89, Application US/08476349A
; Patent No. 5750105
; GENERAL INFORMATION:
; APPLICANT: Newman, Roland A.
; APPLICANT: Hanna, Nabil
; APPLICANT: Raab, Ronald W.
; TITLE OF INVENTION: Recombinant Antibodies for Human Therapy
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince St.
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,349A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,072
; FILING DATE: 25-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/735,064
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin Esq., Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-161
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 112 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
; ORIGINAL SOURCE:
; ORGANISM: Monkey
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: VKII clone K2-8
US-08-476-349A-89

Query Match 0.6%; Score 6; DB 1; Length 112;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 642 GPGTKN 647
||||||
Db 104 GPGTKN 109

RESULT 34
US-08-936-165A-486
; Sequence 486, Application US/08936165A
; Patent No. 6348582
; GENERAL INFORMATION:
; APPLICANT: Black, Michael
; APPLICANT: Burnham, Martin
; APPLICANT: Hodgson, John
; APPLICANT: Knowles, David
; APPLICANT: Lonetto, Michael
; APPLICANT: Nicholas, Richard
; APPLICANT: Pratt, Julie
; APPLICANT: Reichard, Richard
; APPLICANT: Rosenberg, Martin
; APPLICANT: Ward, Judith
; TITLE OF INVENTION: No. 6348582el Prokaryotic Polynucleotides,
; TITLE OF INVENTION: Polypeptides and Their Uses
; NUMBER OF SEQUENCES: 534
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,165A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/027,032

```
;       FILING DATE:  24-SEP-1996
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Gimmi, Edward R
;       REGISTRATION NUMBER:  38,891
;       REFERENCE/DOCKET NUMBER:  P50549
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  610-270-4478
;       TELEFAX:  610-270-5090
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  486:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  117 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  Protein
US-08-936-165A-486

  Query Match             0.6%;  Score 6;  DB 4;  Length 117;
  Best Local Similarity   100.0%;  Pred. No. 4.1e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     259 VLVRNI 264
           ||||||
Db      77 VLVRNI 82


RESULT 35
US-08-489-666C-7
; Sequence 7, Application US/08489666C
; Patent No. 5922600
;  GENERAL INFORMATION:
;    APPLICANT:  No. 5922600eborn, M.H.M
;    APPLICANT:  Koch, G.
;    TITLE OF INVENTION:  Chicken Anemia Virus mutants and
;    TITLE OF INVENTION:  vaccines and uses based on the viral proteins VP1, VP2 and
;    TITLE OF INVENTION:  VP3 or sequences of that virus coding therefor.
;    NUMBER OF SEQUENCES:  30
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  RAE-VENTER LAW, P.C.
;      STREET:  260 SHERIDAN AVE., P.O. BOX 60039
;      CITY:  PALO ALTO
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  94306
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/489,666C
;      FILING DATE:  07-JUN-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/454,121
;      FILING DATE:  30-NOV-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/030,335
;      FILING DATE:  08-MAR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL 94/00168
;      FILING DATE:  19-JUL-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL 91/00165
;      FILING DATE:  11-SEP-1991
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9301272
;      FILING DATE:  20-JUL-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9002008
;      FILING DATE:  12-SEP-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  RAE-VENTER, BARBARA
;       REGISTRATION NUMBER:  32,750
;       REFERENCE/DOCKET NUMBER:  LEBV.003.04US
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (650)328-4400
;       TELEFAX:  (650)328-4477
;       TELEX:  N/A
;   INFORMATION FOR SEQ ID NO:  7:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  121 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  unknown
;       TOPOLOGY:  unknown
;     MOLECULE TYPE:  protein
;     HYPOTHETICAL:  NO
US-08-489-666C-7

  Query Match             0.6%;  Score 6;  DB 2;  Length 121;
  Best Local Similarity   100.0%;  Pred. No. 4.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     700 TLSLCG 705
           ||||||
Db      43 TLSLCG 48


RESULT 36
US-08-911-092-7
; Sequence 7, Application US/08911092
; Patent No. 5952002
;  GENERAL INFORMATION:
;    APPLICANT:  No. 5952002eborn, Matheus H.M.
;    APPLICANT:  Koch, Guus
;    TITLE OF INVENTION:  Chicken Anemia Virus Mutants And Vaccines
;    TITLE OF INVENTION:  And Uses Based On The Viral Proteins VP1, VP2, And VP3 Or
;    TITLE OF INVENTION:  Sequences Of That Virus Coding Therefor
;    NUMBER OF SEQUENCES:  32
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Rae-Venter Law Group, P.C.
;      STREET:  P.O. Box 60039
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94306
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/911,092
;      FILING DATE:  14-AUG-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/454,121
;      FILING DATE:  30-NOV-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL94/00168
;      FILING DATE:  19-JULY-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9301272
;      FILING DATE:  20-JULY-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/030,335
;      FILING DATE:  8-MAR-1993
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL91/00165
;      FILING DATE:  11-SEP-1991
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9002008
;      FILING DATE:  12-SEP-1990
;    ATTORNEY/AGENT INFORMATION:
```

; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: LEBV003.00US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 328-4400
; TELEFAX: (650) 328-4477
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 121 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
US-08-911-092-7

Query Match 0.6%; Score 6; DB 2; Length 121;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 700 TLSLCG 705
||||||
Db 43 TLSLCG 48

RESULT 37
US-08-485-001B-7
; Sequence 7, Application US/08485001B
; Patent No. 5981502
; GENERAL INFORMATION:
; APPLICANT: No. 5981502eborn, Matheus H.M.
; APPLICANT: Koch, Guus
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INDUCING
; TITLE OF INVENTION: APOPTOSIS IN TUMOR CELLS
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rae-Venter Law Group, P.C.
; STREET: P.O. Box 60039
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,001B
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/454,121
; FILING DATE: 30-NOVEMBER-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL94/00168
; FILING DATE: 19-JULY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,335
; FILING DATE: 8-MARCH-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9301272
; FILING DATE: 20-JULY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL91/00165
; FILING DATE: 11-SEPTEMBER-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEPTEMBER-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: LEBV.003.02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 926-6205
; TELEFAX: (650) 424-8760
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 121 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
US-08-485-001B-7

Query Match 0.6%; Score 6; DB 2; Length 121;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 700 TLSLCG 705
||||||
Db 43 TLSLCG 48

RESULT 38
US-08-454-121A-7
; Sequence 7, Application US/08454121A
; Patent No. 6071520
; GENERAL INFORMATION:
; APPLICANT: No. 6071520eborn, Matheus H.M.
; APPLICANT: Koch, Guus
; TITLE OF INVENTION: Chicken Anemia Virus Mutants And Vaccines
; TITLE OF INVENTION: And Uses Based On The Viral Proteins VP1, VP2, And VP3 Or
; TITLE OF INVENTION: Sequences Of That Virus Coding Therefor
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rae-Venter Law Group, P.C.
; STREET: P.O. Box 60039
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,121A
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL94/00168
; FILING DATE: 19-JULY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9301272
; FILING DATE: 20-JULY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,335
; FILING DATE: 8-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/NL91/00165
; FILING DATE: 11-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: NL 9002008
; FILING DATE: 12-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: LEBV.003.00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 328-4400
; TELEFAX: (650) 328-4477
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 121 amino acids
; TYPE: amino acid

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;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    HYPOTHETICAL:  NO
US-08-454-121A-7

  Query Match              0.6%;  Score 6;  DB 3;  Length 121;
  Best Local Similarity   100.0%;  Pred. No. 4.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     700 TLSLCG 705
           ||||||
Db      43 TLSLCG 48


RESULT 39
US-08-482-161B-7
; Sequence 7, Application US/08482161B
; Patent No. 6162461
;  GENERAL INFORMATION:
;    APPLICANT:  No. 6162461eborn, Matheus H.M.
;    APPLICANT:  Koch, Guus
;    TITLE OF INVENTION:  Chicken Anemia Virus Mutants And Vaccines
;    TITLE OF INVENTION:  And Uses Based On The Viral Proteins VP1, VP2, And VP3 Or
;    NUMBER OF SEQUENCES:  30
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Rae-Venter Law Group, P.C.
;      STREET:  P.O. Box 60039
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94306
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/482,161B
;      FILING DATE:  07-JUNE-1995
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/454,121
;      FILING DATE:  30-NOVEMBER-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL 94/00168
;      FILING DATE:  19-JULY-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/030,335
;      FILING DATE:  08-MARCH-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9301272
;      FILING DATE:  20-JULY-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL 91/00165
;      FILING DATE:  11-SEPTEMBER-1991
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9002008
;      FILING DATE:  12-SEPTEMBER-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Rae-Venter, Barbara
;      REGISTRATION NUMBER:  32,750
;      REFERENCE/DOCKET NUMBER:  LEBV.003.01US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (650) 926-6205
;      TELEFAX:  (650) 424-8760
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  121 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    HYPOTHETICAL:  NO

US-08-482-161B-7

  Query Match              0.6%;  Score 6;  DB 4;  Length 121;
  Best Local Similarity   100.0%;  Pred. No. 4.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     700 TLSLCG 705
           ||||||
Db      43 TLSLCG 48


RESULT 40
US-09-057-963A-6
; Sequence 6, Application US/09057963A
; Patent No. 6217870
;  GENERAL INFORMATION:
;    APPLICANT:  No. 6217870eborn, M.H.M
;    APPLICANT:  Koch, G.
;    TITLE OF INVENTION:  Chicken Anemia Virus mutants and
;    TITLE OF INVENTION:  vaccines and uses based on the viral proteins VP1, VP2 and
;    TITLE OF INVENTION:  VP3 or sequences of that virus coding therefor.
;    NUMBER OF SEQUENCES:  30
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  RAE-VENTER LAW GROUP, P.C.
;      STREET:  P.O. BOX 60039
;      CITY:  PALO ALTO
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  94306
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/057,963A
;      FILING DATE:  09-APR-1998
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/489,666
;      FILING DATE:  07-JUN-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/454,121
;      FILING DATE:  30-NOV-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/030,335
;      FILING DATE:  08-MAR-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL 94/00168
;      FILING DATE:  19-JUL-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/NL 91/00165
;      FILING DATE:  11-SEP-1991
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9301272
;      FILING DATE:  20-JUL-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  NL 9002008
;      FILING DATE:  12-SEP-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  RAE-VENTER, BARBARA
;      REGISTRATION NUMBER:  32,750
;      REFERENCE/DOCKET NUMBER:  LEBV.003.04US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (650)328-4400
;      TELEFAX:  (650)328-4477
;      TELEX:  N/A
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  121 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  not relevant
;      TOPOLOGY:  not relevant
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; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
US-09-057-963A-6

Query Match 0.6%; Score 6; DB 4; Length 121;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 700 TLSLCG 705
||||||
Db 43 TLSLCG 48

RESULT 41
US-09-651-656-9
; Sequence 9, Application US/09651656
; Patent No. 6340566
; GENERAL INFORMATION:
; APPLICANT: McCUTHEN-MALONEY, SANDRA
; APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
; TITLE OF INVENTION: POLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTATIONS,
; TITLE OF INVENTION: DNA DAMAGE AND DNA MISMATCHES
; FILE REFERENCE: IL-10689
; CURRENT APPLICATION NUMBER: US/09/651,656
; CURRENT FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 122
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-651-656-9

Query Match 0.6%; Score 6; DB 4; Length 122;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 950 LKDCDL 955
||||||
Db 53 LKDCDL 58

RESULT 42
US-09-650-855-9
; Sequence 9, Application US/09650855
; Patent No. 6365355
; GENERAL INFORMATION:
; APPLICANT: McCUTHEN-MALONEY, SANDRA
; APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
; TITLE OF INVENTION: MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
; TITLE OF INVENTION: MISMATCHES
; FILE REFERENCE: IL-10284
; CURRENT APPLICATION NUMBER: US/09/650,855
; CURRENT FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 122
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-650-855-9

Query Match 0.6%; Score 6; DB 4; Length 122;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 950 LKDCDL 955
||||||
Db 53 LKDCDL 58

RESULT 43
US-08-757-036-3
; Sequence 3, Application US/08757036
; Patent No. 5843668
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: HUMAN SQMI PROTEIN HOMOLOG
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,036
; FILING DATE: Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0170 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 135 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 180233
US-08-757-036-3

Query Match 0.6%; Score 6; DB 2; Length 135;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 808 CSSGRS 813
||||||
Db 107 CSSGRS 112

RESULT 44
US-09-199-637A-223
; Sequence 223, Application US/09199637A
; Patent No. 6355411
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick
; APPLICANT: Goodman, Howard M.
; APPLICANT: Rahme, Laurence G.
; APPLICANT: Mahajan-Miklos, Shalina
; APPLICANT: Tan, Man-Wah
; APPLICANT: Cao, Hui
; APPLICANT: Drenkard, Eliana
; APPLICANT: Tsongalis, John

```
;  TITLE OF INVENTION:  VIRULENCE-ASSOCIATED NUCLEIC ACID
;  TITLE OF INVENTION:  SEQUENCES AND USES THEREOF
;  FILE REFERENCE:  00786/361002
;  CURRENT APPLICATION NUMBER: US/09/199,637A
;  CURRENT FILING DATE:  1998-11-25
;  PRIOR APPLICATION NUMBER:  60/066,517
;  PRIOR FILING DATE:  1997-11-25
;  NUMBER OF SEQ ID NOS:  437
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 223
;   LENGTH: 135
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-09-199-637A-223

  Query Match             0.6%;  Score 6;  DB 4;  Length 135;
  Best Local Similarity   100.0%;  Pred. No. 4.7e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    810 SGRSTT 815
          ||||||
Db     95 SGRSTT 100


RESULT 45
US-09-615-192A-297
; Sequence 297, Application US/09615192A
; Patent No. 6410718
; GENERAL INFORMATION:
;  APPLICANT:  Bloksberg, Leonard N.
;  APPLICANT:  Havukkala, Ilkka
;  TITLE OF INVENTION:  Materials and Methods for the
;  TITLE OF INVENTION:  Modification of Plant Lignin Content
;  FILE REFERENCE:  11000.1003c4U
;  CURRENT APPLICATION NUMBER: US/09/615,192A
;  CURRENT FILING DATE:  2000-07-12
;  PRIOR APPLICATION NUMBER:  US 08/975,316
;  PRIOR FILING DATE:  1997-11-21
;  PRIOR APPLICATION NUMBER:  US 08/713,000
;  PRIOR FILING DATE:  1996-09-11
;  PRIOR APPLICATION NUMBER:  US 09/169,789
;  PRIOR FILING DATE:  1998-10-09
;  NUMBER OF SEQ ID NOS:  405
;  SOFTWARE:  FastSEQ for Windows Version 3.0
; SEQ ID NO 297
;   LENGTH: 139
;   TYPE: PRT
;   ORGANISM: Eucalyptus grandis
US-09-615-192A-297

  Query Match             0.6%;  Score 6;  DB 4;  Length 139;
  Best Local Similarity   100.0%;  Pred. No. 4.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    460 TAAGAS 465
          ||||||
Db     28 TAAGAS 33


RESULT 46
US-09-134-001C-4410
; Sequence 4410, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
;  APPLICANT: Lynn Doucette-Stamm et al
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
;  TITLE OF INVENTION:  EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: GTC-007
;  CURRENT APPLICATION NUMBER: US/09/134,001C
;  CURRENT FILING DATE:  1998-08-13
;  PRIOR APPLICATION NUMBER: US 60/064,964
;  PRIOR FILING DATE: 1997-11-08
;  PRIOR APPLICATION NUMBER: US 60/055,779
;  PRIOR FILING DATE: 1997-08-14
;  NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 4410
;   LENGTH: 155
;   TYPE: PRT
;   ORGANISM: Staphylococcus epidermidis
US-09-134-001C-4410

  Query Match             0.6%;  Score 6;  DB 4;  Length 155;
  Best Local Similarity   100.0%;  Pred. No. 5.4e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    538 TYIIEE 543
          ||||||
Db     16 TYIIEE 21


RESULT 47
US-09-134-001C-3416
; Sequence 3416, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
;  APPLICANT: Lynn Doucette-Stamm et al
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
;  TITLE OF INVENTION:  EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: GTC-007
;  CURRENT APPLICATION NUMBER: US/09/134,001C
;  CURRENT FILING DATE:  1998-08-13
;  PRIOR APPLICATION NUMBER: US 60/064,964
;  PRIOR FILING DATE: 1997-11-08
;  PRIOR APPLICATION NUMBER: US 60/055,779
;  PRIOR FILING DATE: 1997-08-14
;  NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 3416
;   LENGTH: 158
;   TYPE: PRT
;   ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3416

  Query Match             0.6%;  Score 6;  DB 4;  Length 158;
  Best Local Similarity   100.0%;  Pred. No. 5.5e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    265 AITGVA 270
          ||||||
Db    129 AITGVA 134


RESULT 48
US-09-562-737-120
; Sequence 120, Application US/09562737
; Patent No. 6428967
; GENERAL INFORMATION:
;  APPLICANT:  Herz, Joachim
;  APPLICANT:  Gotthardt, Michael
;  TITLE OF INVENTION:  LDL Receptor Signaling Pathways
;  FILE REFERENCE:  UTSW0708
;  CURRENT APPLICATION NUMBER: US/09/562,737
;  CURRENT FILING DATE:  2000-05-01
;  NUMBER OF SEQ ID NOS:  132
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 120
;  LENGTH: 185
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;   OTHER INFORMATION: Sequence
US-09-562-737-120

  Query Match             0.6%;  Score 6;  DB 4;  Length 185;
  Best Local Similarity   100.0%;  Pred. No. 6.4e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
```

```
Qy     664 TPTRTF 669
           ||||||
Db     130 TPTRTF 135


RESULT 49
US-07-744-570B-2
; Sequence 2, Application US/07744570B
; Patent No. 5202249
;  GENERAL INFORMATION:
;    APPLICANT:  Kluepfel, D.
;    APPLICANT:  Morosoli, R.
;    APPLICANT:  Shareck, F.
;    TITLE OF INVENTION:  Xylanase for Biobleaching
;    NUMBER OF SEQUENCES:  2
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Michael J. Bradley
;      STREET:  1200 South 47th Street
;      STREET:  Box Number 4023
;      CITY:  Richmond
;      STATE:  California
;      COUNTRY:  United States
;      ZIP:  94804-0023
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.5 inch, 1.44Mb storage
;      COMPUTER:  IBM
;      OPERATING SYSTEM:  MS-DOS
;      SOFTWARE:  WordPerfect 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/744,570B
;      FILING DATE:  19910813
;      CLASSIFICATION:  435
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  200 amino acids
;      TYPE:  AMINO ACID
;      STRANDEDNESS:  Single strand
;      TOPOLOGY:  Circular
US-07-744-570B-2

  Query Match             0.6%;  Score 6;  DB 1;  Length 200;
  Best Local Similarity   100.0%;  Pred. No. 6.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     830 LLLPGT 835
           ||||||
Db       1 LLLPGT 6


RESULT 50
US-08-469-486-56
; Sequence 56, Application US/08469486
; Patent No. 5739281
;  GENERAL INFORMATION:
;    APPLICANT:  Thoegersen, Hans Christian
;    APPLICANT:  Holtet, Thor Las
;    APPLICANT:  Etzerodt, Michael
;    TITLE OF INVENTION:  Improved method for the refolding of
;    TITLE OF INVENTION:  proteins
;    NUMBER OF SEQUENCES:  58
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version
;      SOFTWARE:  #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/469,486
;      FILING DATE:
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/192,060
;      FILING DATE:  February 4, 1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Paul T. Clark
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  06363/002001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617 542 5070
;      TELEFAX:  617 542 8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  56:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  202 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-469-486-56

  Query Match             0.6%;  Score 6;  DB 1;  Length 202;
  Best Local Similarity   100.0%;  Pred. No. 6.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     557 TFHEAS 562
           ||||||
Db      90 TFHEAS 95


RESULT 51
US-08-469-658-56
; Sequence 56, Application US/08469658
; Patent No. 5917018
;  GENERAL INFORMATION:
;    APPLICANT:  Th egersen, Hans Christian
;    APPLICANT:  Holtet, Thor Las
;    APPLICANT:  Etzerodt, Michael
;    TITLE OF INVENTION:  IMPROVED METHOD FOR THE REFOLDING OF
;    TITLE OF INVENTION:  PROTEINS
;    NUMBER OF SEQUENCES:  58
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version
;      SOFTWARE:  #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/469,658
;      FILING DATE:  June 5, 1995
;      CLASSIFICATION:  530
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/192,060
;      FILING DATE:  February 4, 1994
;      CLASSIFICATION:  530
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Paul T. Clark
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  06363/002002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617 542 5070
;      TELEFAX:  617 542 8906
```

```
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  56:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  202 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-469-658-56

  Query Match              0.6%;  Score 6;  DB 2;  Length 202;
  Best Local Similarity   100.0%;  Pred. No. 6.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     557 TFHEAS 562
           ||||||
Db      90 TFHEAS 95


RESULT 52
US-09-549-831-6
; Sequence 6, Application US/09549831
; Patent No. 6429305
; GENERAL INFORMATION:
;  APPLICANT:  Chang, Chi-Yao
;  APPLICANT:  Chang, Chia-Ching
;  APPLICANT:  Leu, Kuen-Lin
;  APPLICANT:  Tsai, Chih-Tung
;  APPLICANT:  Ting, Jing-Wen
;  APPLICANT:  Lin, Chih-Hung
;  TITLE OF INVENTION:  FISH GROWTH HORMONES
;  FILE REFERENCE:  08191-039001
;  CURRENT APPLICATION NUMBER: US/09/549,831
;  CURRENT FILING DATE:  2000-04-14
;  NUMBER OF SEQ ID NOS:  18
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 6
;   LENGTH: 204
;   TYPE: PRT
;   ORGANISM: Epinephlus awoara
US-09-549-831-6

  Query Match              0.6%;  Score 6;  DB 4;  Length 204;
  Best Local Similarity   100.0%;  Pred. No. 7e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     754 GVSSQP 759
           ||||||
Db      14 GVSSQP 19


RESULT 53
US-09-081-320-22
; Sequence 22, Application US/09081320
; Patent No. 6093544
;  GENERAL INFORMATION:
;    APPLICANT:  Gonsalves, Dennis
;    APPLICANT:  Meng, Baozhong
;    TITLE OF INVENTION:  RUPESTRIS STEM PITTING ASSOCIATED VIRUS
;    TITLE OF INVENTION:  NUCLEIC ACIDS, PROTEINS, AND THEIR USES
;    NUMBER OF SEQUENCES:  54
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Nixon, Hargrave, Devans & Doyle LLP
;      STREET:  Clinton Square, P.O. Box 1051
;      CITY:  Rochester
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  14603
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/081,320
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/047,147
;      FILING DATE:  20-MAY-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/069,902
;      FILING DATE:  17-DEC-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Goldman, Michael L.
;      REGISTRATION NUMBER:  30,727
;      REFERENCE/DOCKET NUMBER:  19603/1722
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (716) 263-1304
;      TELEFAX:  (716) 263-1600
;  INFORMATION FOR SEQ ID NO:  22:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  210 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-081-320-22

  Query Match              0.6%;  Score 6;  DB 3;  Length 210;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     596 SDVGSS 601
           ||||||
Db     112 SDVGSS 117


RESULT 54
US-09-306-446C-9
; Sequence 9, Application US/09306446C
; Patent No. 6372959
; GENERAL INFORMATION:
;  APPLICANT: KIM, Dong Soo
;  APPLICANT:  KIM, Chul Geun
;  APPLICANT:  NAM, Yoon Kwon
;  APPLICANT:  NOH, Jae Koo
;  APPLICANT:  CHO, Kyou Nam
;  TITLE OF INVENTION: EXPRESSION VECTOR OF MUD LOACH GROWTH HORMONE GENE
;  FILE REFERENCE: P06344US0/BAS
;  CURRENT APPLICATION NUMBER: US/09/306,446C
;  CURRENT FILING DATE:  1999-05-06
;  PRIOR APPLICATION NUMBER: KR 98/20255
;  PRIOR FILING DATE: 1998-06-01
;  NUMBER OF SEQ ID NOS: 33
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
;   LENGTH: 210
;   TYPE: PRT
;   ORGANISM: Misgurnus mizolepus
US-09-306-446C-9

  Query Match              0.6%;  Score 6;  DB 4;  Length 210;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     909 LKVGIS 914
           ||||||
Db     134 LKVGIS 139


RESULT 55
US-09-306-446C-16
; Sequence 16, Application US/09306446C
; Patent No. 6372959
; GENERAL INFORMATION:
```

```
;  APPLICANT: KIM, Dong Soo
;  APPLICANT:  KIM, Chul Geun
;  APPLICANT:  NAM, Yoon Kwon
;  APPLICANT:  NOH, Jae Koo
;  APPLICANT:  CHO, Kyou Nam
;  TITLE OF INVENTION: EXPRESSION VECTOR OF MUD LOACH GROWTH HORMONE GENE
;  FILE REFERENCE: P06344US0/BAS
;  CURRENT APPLICATION NUMBER: US/09/306,446C
;  CURRENT FILING DATE:  1999-05-06
;  PRIOR APPLICATION NUMBER: KR 98/20255
;  PRIOR FILING DATE: 1998-06-01
;  NUMBER OF SEQ ID NOS: 33
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
;   LENGTH: 210
;   TYPE: PRT
;   ORGANISM: Misgurnus mizolepus
US-09-306-446C-16

  Query Match             0.6%;  Score 6;  DB 4;  Length 210;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     909 LKVGIS 914
           ||||||
Db     134 LKVGIS 139


RESULT 56
US-09-574-141A-22
; Sequence 22, Application US/09574141A
; Patent No. 6395490
; GENERAL INFORMATION:
;  APPLICANT: Gonsalves, Dennis
;  APPLICANT:  Meng, Baozhong
;  TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
;  TITLE OF INVENTION:  NUCLEIC ACIDS, PROTEINS, AND THEIR USES
;  FILE REFERENCE: 07678/035005
;  CURRENT APPLICATION NUMBER: US/09/574,141A
;  CURRENT FILING DATE:  2000-05-18
;  PRIOR APPLICATION NUMBER: 60/047,147
;  PRIOR FILING DATE: 1997-05-20
;  PRIOR APPLICATION NUMBER: 60/069,902
;  PRIOR FILING DATE: 1997-12-17
;  PRIOR APPLICATION NUMBER: 09/081,320
;  PRIOR FILING DATE: 1998-05-19
;  NUMBER OF SEQ ID NOS: 97
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 22
;   LENGTH: 210
;   TYPE: PRT
;   ORGANISM: Rupestris stem pitting associated virus
US-09-574-141A-22

  Query Match             0.6%;  Score 6;  DB 4;  Length 210;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     596 SDVGSS 601
           ||||||
Db     112 SDVGSS 117


RESULT 57
US-09-707-780-22
; Sequence 22, Application US/09707780
; Patent No. 6399308
; GENERAL INFORMATION:
;  APPLICANT:  Gonsalves, Dennis
;  APPLICANT:  Meng, Baozhong
;  TITLE OF INVENTION:  RUPESTRIS STEM PITTING ASSOCIATED VIRUS
;  TITLE OF INVENTION:  NUCLEIC ACIDS, PROTEINS, AND THEIR USES
;  FILE REFERENCE:  07678/035006
;  CURRENT APPLICATION NUMBER: US/09/707,780
;  CURRENT FILING DATE:  2000-11-07
;  PRIOR APPLICATION NUMBER:  09/081,320
;  PRIOR FILING DATE:  1998-05-19
;  PRIOR APPLICATION NUMBER:  60/047,147
;  PRIOR FILING DATE:  1997-05-20
;  PRIOR APPLICATION NUMBER:  60/069,902
;  PRIOR FILING DATE:  1997-12-17
;  NUMBER OF SEQ ID NOS:  54
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 22
;   LENGTH: 210
;   TYPE: PRT
;   ORGANISM: Rupestris stem pitting associated virus
US-09-707-780-22

  Query Match             0.6%;  Score 6;  DB 4;  Length 210;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     596 SDVGSS 601
           ||||||
Db     112 SDVGSS 117


RESULT 58
US-07-915-966C-4
; Sequence 4, Application US/07915966C
; Patent No. 5668006
;  GENERAL INFORMATION:
;    APPLICANT:  Hadcock Dr., John R.
;    APPLICANT:  Ozenberger Dr., Bradley A.
;    APPLICANT:  Pausch Dr., Mark H.
;    TITLE OF INVENTION:  Receptor Identification Method
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  American Home Products Corporation
;      STREET:  One Campus Drive
;      CITY:  Parsippany
;      STATE:  New Jersey
;      COUNTRY:  USA
;      ZIP:  07054
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/915,966C
;      FILING DATE:  17-JUL-1992
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Matthews, Gale M.
;      REGISTRATION NUMBER:  32,269
;      REFERENCE/DOCKET NUMBER:  31,829-00
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  201-683-2134
;      TELEFAX:  201-683-4117
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  211 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    FRAGMENT TYPE:  internal
;    ORIGINAL SOURCE:
;      ORGANISM:  Rat
US-07-915-966C-4

  Query Match             0.6%;  Score 6;  DB 1;  Length 211;
```

```
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     773 MTLDGI 778
           ||||||
Db      30 MTLDGI 35


RESULT 59
US-08-771-182-4
; Sequence 4, Application US/08771182
; Patent No. 5929209
;  GENERAL INFORMATION:
;    APPLICANT:  Hadcock Dr., John R.
;    APPLICANT:  Ozenberger Dr., Bradley A.
;    APPLICANT:  Pausch Dr., Mark H.
;    TITLE OF INVENTION:  Receptor Identification Method
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  American Home Products Corporation
;      STREET:  One Campus Drive
;      CITY:  Parsippany
;      STATE:  New Jersey
;      COUNTRY:  USA
;      ZIP:  07054
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/771,182
;      FILING DATE:  20-DEC-1996
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Matthews, Gale F.
;      REGISTRATION NUMBER:  32,269
;      REFERENCE/DOCKET NUMBER:  31,829-D1
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  201-683-2134
;      TELEFAX:  201-683-4117
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  211 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    FRAGMENT TYPE:  internal
;    ORIGINAL SOURCE:
;      ORGANISM:  Rat
US-08-771-182-4

  Query Match             0.6%;  Score 6;  DB 2;  Length 211;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     773 MTLDGI 778
           ||||||
Db      30 MTLDGI 35


RESULT 60
US-08-853-194-4
; Sequence 4, Application US/08853194
; Patent No. 6077666
;  GENERAL INFORMATION:
;    APPLICANT:  Hadcock Dr., John R.
;    APPLICANT:  Ozenberger Dr., Bradley A.
;    APPLICANT:  Pausch Dr., Mark H.
;    TITLE OF INVENTION:  Receptor Identification Method
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  American Cyanamid Company
;      STREET:  One Cyanamid Plaza
;      CITY:  Wayne
;      STATE:  NJ
;      COUNTRY:  United States of America
;      ZIP:  06904-0060
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/853,194
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/915,966
;      FILING DATE:  17-JUL-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Tsevdos Dr., Estelle J.
;      REGISTRATION NUMBER:  31,145
;      REFERENCE/DOCKET NUMBER:  31829-00
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  203-321-2361
;      TELEFAX:  203-321-2971
;      TELEX:  710-474-4059
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  211 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    FRAGMENT TYPE:  internal
;    ORIGINAL SOURCE:
;      ORGANISM:  Rat
US-08-853-194-4

  Query Match             0.6%;  Score 6;  DB 3;  Length 211;
  Best Local Similarity   100.0%;  Pred. No. 7.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     773 MTLDGI 778
           ||||||
Db      30 MTLDGI 35


RESULT 61
US-08-937-067-4
; Sequence 4, Application US/08937067
; Patent No. 6433155
;  GENERAL INFORMATION:
;    APPLICANT:  Umansky, Samuil
;    APPLICANT:  Melkonyan, Hovsep
;    TITLE OF INVENTION:  A FAMILY OF GENES ENCODING
;    TITLE OF INVENTION:  APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
;    TITLE OF INVENTION:  METHODS OF USE THEREOF
;    NUMBER OF SEQUENCES:  19
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  MORRISON & FOERSTER
;      STREET:  755 Page Mill Road
;      CITY:  Palo Alto
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  94304-1018
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
```

```
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/937,067
;       FILING DATE:
;       CLASSIFICATION:  536
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Lehnhardt, Susan K.
;       REGISTRATION NUMBER:  33,943
;       REFERENCE/DOCKET NUMBER:  23647-20018.00
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (650) 813-5600
;       TELEFAX:  (650) 494-0792
;   INFORMATION FOR SEQ ID NO:  4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  212 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-937-067-4

  Query Match             0.6%;  Score 6;  DB 4;  Length 212;
  Best Local Similarity   100.0%;  Pred. No. 7.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     827 PGSLLL 832
           ||||||
Db       5 PGSLLL 10


RESULT 62
US-08-315-695-20
; Sequence 20, Application US/08315695
; Patent No. 5591619
;  GENERAL INFORMATION:
;     APPLICANT:  Li, Xin-Liang
;     APPLICANT:  Ljungdahl, Lars G.
;     TITLE OF INVENTION:  Aureobasidium Pullulans Xylanase, Gene
;     TITLE OF INVENTION:  and Signal Sequence
;     NUMBER OF SEQUENCES:  27
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Greenlee and Winner, P.C.
;       STREET:  5370 Manhattan Circle, Suite 201
;       CITY:  Boulder
;       STATE:  CO
;       COUNTRY:  US
;       ZIP:  80303
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/315,695
;       FILING DATE:  30-SEP-1994
;       CLASSIFICATION:  435
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Winner, Ellen P.
;       REGISTRATION NUMBER:  28,547
;       REFERENCE/DOCKET NUMBER:  55-94
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (303) 499-8080
;       TELEFAX:  (303) 499-8089
;   INFORMATION FOR SEQ ID NO:  20:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  216 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
;     HYPOTHETICAL:  NO
;     ANTI-SENSE:  NO
;     FRAGMENT TYPE:  N-terminal
US-08-315-695-20

  Query Match             0.6%;  Score 6;  DB 1;  Length 216;
  Best Local Similarity   100.0%;  Pred. No. 7.4e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     830 LLLPGT 835
           ||||||
Db      18 LLLPGT 23


RESULT 63
US-09-724-864-46
; Sequence 46, Application US/09724864
; Patent No. 6380362
; GENERAL INFORMATION:
;  APPLICANT:  Watson, James D
;  APPLICANT:  Murison, James G.
;  TITLE OF INVENTION:  Polynucleotides, polypeptides expressed
;  TITLE OF INVENTION:  by the polynucleotides and methods for their use.
;  FILE REFERENCE:  11000.1050U1
;  CURRENT APPLICATION NUMBER: US/09/724,864
;  CURRENT FILING DATE:  2000-11-28
;  PRIOR APPLICATION NUMBER:  U.S. No. 6380362 60/171,678
;  PRIOR FILING DATE:  1999-12-23
;  NUMBER OF SEQ ID NOS:  72
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 46
;   LENGTH: 228
;   TYPE: PRT
;   ORGANISM: Mouse
US-09-724-864-46

  Query Match             0.6%;  Score 6;  DB 4;  Length 228;
  Best Local Similarity   100.0%;  Pred. No. 7.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     805 TQSCSS 810
           ||||||
Db      78 TQSCSS 83


RESULT 64
US-09-172-952-18
; Sequence 18, Application US/09172952
; Patent No. 6368793
; GENERAL INFORMATION:
;  APPLICANT: Hoch, James
;  APPLICANT:  Dartois, Veronique
;  TITLE OF INVENTION: METABOLIC SELECTION METHODS
;  FILE REFERENCE: 234/191
;  CURRENT APPLICATION NUMBER: US/09/172,952
;  CURRENT FILING DATE:  1998-10-14
;  NUMBER OF SEQ ID NOS: 33
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 18
;   LENGTH: 238
;   TYPE: PRT
;   ORGANISM: YiaS-Ko
US-09-172-952-18

  Query Match             0.6%;  Score 6;  DB 4;  Length 238;
  Best Local Similarity   100.0%;  Pred. No. 8.1e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     779 TSPAEL 784
           ||||||
Db     231 TSPAEL 236


RESULT 65
US-08-986-304-3
; Sequence 3, Application US/08986304A
; Patent No. 6184343
```

```
; GENERAL INFORMATION:
;  APPLICANT: Stamatoyannopoulos, George
;  APPLICANT: Papayannopoulou, Thalia
;  APPLICANT: Yang, Yi
;  TITLE OF INVENTION: FETAL GLOBIN INDUCING FACTOR
;  FILE REFERENCE: 64657.0102
;  CURRENT APPLICATION NUMBER: US/08/986,304A
;  CURRENT FILING DATE: 1997-12-05
;  EARLIER APPLICATION NUMBER: 60/033,247
;  EARLIER FILING DATE: 1996-12-06
;  NUMBER OF SEQ ID NOS: 3
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
;   LENGTH: 239
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-986-304-3

  Query Match             0.6%;  Score 6;  DB 4;  Length 239;
  Best Local Similarity   100.0%;  Pred. No. 8.1e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      27 RLLLWA 32
           ||||||
Db      76 RLLLWA 81


RESULT 66
US-08-261-822A-71
; Sequence 71, Application US/08261822A
; Patent No. 5650553
;  GENERAL INFORMATION:
;    APPLICANT:  Ecker, Joseph R. et al.
;    TITLE OF INVENTION:  Plant Genes for Sensitivity to Ethylene
;    TITLE OF INVENTION:  and Pathogens
;    NUMBER OF SEQUENCES:  82
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
;      STREET:  One Liberty Place, 46th floor
;      CITY:  Philadelphia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19103
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/261,822A
;      FILING DATE:  17-JUN-1994
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Beardell, Lori Y.
;      REGISTRATION NUMBER:  34,293
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (215) 568-3100
;      TELEFAX:  (215) 568-3439
;  INFORMATION FOR SEQ ID NO:  71:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  240 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
US-08-261-822A-71

  Query Match             0.6%;  Score 6;  DB 1;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     801 SNDVTQ 806
           ||||||
Db      12 SNDVTQ 17


RESULT 67
US-08-261-822A-72
; Sequence 72, Application US/08261822A
; Patent No. 5650553
;  GENERAL INFORMATION:
;    APPLICANT:  Ecker, Joseph R. et al.
;    TITLE OF INVENTION:  Plant Genes for Sensitivity to Ethylene
;    TITLE OF INVENTION:  and Pathogens
;    NUMBER OF SEQUENCES:  82
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
;      STREET:  One Liberty Place, 46th floor
;      CITY:  Philadelphia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19103
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/261,822A
;      FILING DATE:  17-JUN-1994
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Beardell, Lori Y.
;      REGISTRATION NUMBER:  34,293
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (215) 568-3100
;      TELEFAX:  (215) 568-3439
;  INFORMATION FOR SEQ ID NO:  72:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  240 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
US-08-261-822A-72

  Query Match             0.6%;  Score 6;  DB 1;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     801 SNDVTQ 806
           ||||||
Db      12 SNDVTQ 17


RESULT 68
US-08-023-980B-45
; Sequence 45, Application US/08023980B
; Patent No. 5843641
;  GENERAL INFORMATION:
;    APPLICANT:  Brown, Robert
;    APPLICANT:  Horvitz, H. Robert
;    APPLICANT:  Rosen, Daniel R.
;    TITLE OF INVENTION:  COMPOUNDS AND METHODS FOR THE DIAGNOSIS,
;    TITLE OF INVENTION:  TREATMENT AND PREVENTION OF DISEASES OF CELL DEATH
;    NUMBER OF SEQUENCES:  45
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Clark & Elbing LLP
;      STREET:  585 Commercial Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
```

```
;       ZIP:  02109-1024
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/023,980B
;       FILING DATE:  26-FEB-1993
;       CLASSIFICATION:  435
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Clark, Paul T.
;       REGISTRATION NUMBER:  30,162
;       REFERENCE/DOCKET NUMBER:  00786/177001
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  617/723-4123
;       TELEFAX:  617/723-8962
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  45:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  240 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-023-980B-45

  Query Match             0.6%;  Score 6;  DB 2;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     461 AAGASD 466
           ||||||
Db      12 AAGASD 17


RESULT 69
US-08-486-953A-53
; Sequence 53, Application US/08486953A
; Patent No. 5849290
;  GENERAL INFORMATION:
;    APPLICANT:  Brown, Robert
;    APPLICANT:  Horvitz, H. Robert
;    APPLICANT:  Rosen, Daniel R.
;    TITLE OF INVENTION:  COMPOUNDS AND METHODS FOR THE DIAGNOSIS,
;    TITLE OF INVENTION:  TREATMENT AND PREVENTION OF DISEASES OF CELL DEATH
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Clark & Elbing LLP
;      STREET:  176 Federal Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  FastSeq
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/486,953A
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/204,052
;      FILING DATE:  28-FEB-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  00786/223002
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/428-0200
;      TELEFAX:  617/428-7045
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  53:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  240 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-486-953A-53

  Query Match             0.6%;  Score 6;  DB 2;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     461 AAGASD 466
           ||||||
Db      12 AAGASD 17


RESULT 70
US-08-679-493A-186
; Sequence 186, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
;  APPLICANT: Taylor, Ethan W.
;  TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
;  FILE REFERENCE: 55-95
;  CURRENT APPLICATION NUMBER: US/08/679,493A
;  CURRENT FILING DATE:  1996-07-12
;  PRIOR APPLICATION NUMBER: 60/001203
;  PRIOR FILING DATE: 1995-07-14
;  PRIOR APPLICATION NUMBER: 60/003,112
;  PRIOR FILING DATE: 1995-09-01
;  NUMBER OF SEQ ID NOS: 216
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 186
;   LENGTH: 240
;   TYPE: PRT
;   ORGANISM: bloodfluke
US-08-679-493A-186

  Query Match             0.6%;  Score 6;  DB 4;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     461 AAGASD 466
           ||||||
Db      12 AAGASD 17


RESULT 71
PCT-US95-07744A-71
; Sequence 71, Application PC/TUS9507744A
;  GENERAL INFORMATION:
;    APPLICANT:  Trustees of The University of Pennsylvania
;    TITLE OF INVENTION:  Plant Genes for Sensitivity to Ethylene
;    TITLE OF INVENTION:  and Pathogens
;    NUMBER OF SEQUENCES:  82
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Woodcock, Washburn, Kurtz, Mackiewicz & Norris
;      STREET:  One Liberty Place, 46th floor
;      CITY:  Philadelphia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19103
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/07744A
;      FILING DATE:  15-JUNE-1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
```

```
;      APPLICATION NUMBER:  08/261,822
;      FILING DATE:  June 17, 1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Beardell, Lori Y.
;      REGISTRATION NUMBER:  34,293
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (215) 568-3100
;      TELEFAX:  (215) 568-3439
;  INFORMATION FOR SEQ ID NO:  71:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  240 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
PCT-US95-07744A-71

  Query Match             0.6%;  Score 6;  DB 5;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     801 SNDVTQ 806
           ||||||
Db      12 SNDVTQ 17


RESULT 72
PCT-US95-07744A-72
; Sequence 72, Application PC/TUS9507744A
;  GENERAL INFORMATION:
;    APPLICANT:  Trustees of The University of Pennsylvania
;    TITLE OF INVENTION:  Plant Genes for Sensitivity to Ethylene
;    TITLE OF INVENTION:  and Pathogens
;    NUMBER OF SEQUENCES:  82
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Woodcock, Washburn, Kurtz, Mackiewicz & Norris
;      STREET:  One Liberty Place, 46th floor
;      CITY:  Philadelphia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19103
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/07744A
;      FILING DATE:  15-JUNE-1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/261,822
;      FILING DATE:  June 17, 1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Beardell, Lori Y.
;      REGISTRATION NUMBER:  34,293
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (215) 568-3100
;      TELEFAX:  (215) 568-3439
;  INFORMATION FOR SEQ ID NO:  72:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  240 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
PCT-US95-07744A-72

  Query Match             0.6%;  Score 6;  DB 5;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     801 SNDVTQ 806
           ||||||
Db      12 SNDVTQ 17


RESULT 73
5472691-2
;Patent No. 5472691
;    APPLICANT: MARKLUND, STEFAN;EDLUND, THOMAS
;    TITLE OF INVENTION: SUPEROXIDE DISMUTASE
;    NUMBER OF SEQUENCES: 7
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/125,744
;      FILING DATE: 24-SP-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 897,624
;      FILING DATE: 12-JUN-1992
;      APPLICATION NUMBER: 576,114
;      FILING DATE: 27-aug-1990
;      APPLICATION NUMBER: 902,596
;      FILING DATE: 02-sep-1986
;SEQ ID NO:2:
;      LENGTH: 240
5472691-2

  Query Match             0.6%;  Score 6;  DB 6;  Length 240;
  Best Local Similarity   100.0%;  Pred. No. 8.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     461 AAGASD 466
           ||||||
Db      12 AAGASD 17


RESULT 74
US-09-369-364A-11
; Sequence 11, Application US/09369364A
; Patent No. 6391610
; GENERAL INFORMATION:
;  APPLICANT:  Apte, Suneel
;  APPLICANT:  Hurskainen, Tiina L.
;  APPLICANT:  Hirohata, Satoshi
;  TITLE OF INVENTION:  Nucleic Acids Encoding Zinc Metalloproteases
;  FILE REFERENCE:  26473/4007/10-30-00
;  CURRENT APPLICATION NUMBER: US/09/369,364A
;  CURRENT FILING DATE:  1999-08-06
;  NUMBER OF SEQ ID NOS:  31
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 11
;   LENGTH: 245
;   TYPE: PRT
;   ORGANISM: Homo sapiens ADAMTS-8
US-09-369-364A-11

  Query Match             0.6%;  Score 6;  DB 4;  Length 245;
  Best Local Similarity   100.0%;  Pred. No. 8.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     919 TAILLT 924
           ||||||
Db     120 TAILLT 125


RESULT 75
US-09-081-320-11
; Sequence 11, Application US/09081320
; Patent No. 6093544
;  GENERAL INFORMATION:
;    APPLICANT:  Gonsalves, Dennis
;    APPLICANT:  Meng, Baozhong
```

```
;    TITLE OF INVENTION:  RUPESTRIS STEM PITTING ASSOCIATED VIRUS
;    TITLE OF INVENTION:  NUCLEIC ACIDS, PROTEINS, AND THEIR USES
;    NUMBER OF SEQUENCES:  54
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Nixon, Hargrave, Devans & Doyle LLP
;      STREET:  Clinton Square, P.O. Box 1051
;      CITY:  Rochester
;      STATE:  New York
;      COUNTRY:  U.S.A.
;      ZIP:  14603
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/081,320
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/047,147
;      FILING DATE:  20-MAY-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/069,902
;      FILING DATE:  17-DEC-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Goldman, Michael L.
;      REGISTRATION NUMBER:  30,727
;      REFERENCE/DOCKET NUMBER:  19603/1722
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (716) 263-1304
;      TELEFAX:  (716) 263-1600
;  INFORMATION FOR SEQ ID NO:  11:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  259 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-081-320-11

  Query Match             0.6%;  Score 6;  DB 3;  Length 259;
  Best Local Similarity   100.0%;  Pred. No. 8.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     596 SDVGSS 601
           ||||||
Db     112 SDVGSS 117


RESULT 76
US-09-574-141A-11
; Sequence 11, Application US/09574141A
; Patent No. 6395490
; GENERAL INFORMATION:
;  APPLICANT: Gonsalves, Dennis
;  APPLICANT:  Meng, Baozhong
;  TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
;  TITLE OF INVENTION:  NUCLEIC ACIDS, PROTEINS, AND THEIR USES
;  FILE REFERENCE: 07678/035005
;  CURRENT APPLICATION NUMBER: US/09/574,141A
;  CURRENT FILING DATE:  2000-05-18
;  PRIOR APPLICATION NUMBER: 60/047,147
;  PRIOR FILING DATE: 1997-05-20
;  PRIOR APPLICATION NUMBER: 60/069,902
;  PRIOR FILING DATE: 1997-12-17
;  PRIOR APPLICATION NUMBER: 09/081,320
;  PRIOR FILING DATE: 1998-05-19
;  NUMBER OF SEQ ID NOS: 97
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 11
;   LENGTH: 259
;   TYPE: PRT
;   ORGANISM: Rupestris stem pitting associated virus
US-09-574-141A-11

  Query Match             0.6%;  Score 6;  DB 4;  Length 259;
  Best Local Similarity   100.0%;  Pred. No. 8.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     596 SDVGSS 601
           ||||||
Db     112 SDVGSS 117


RESULT 77
US-09-707-780-11
; Sequence 11, Application US/09707780
; Patent No. 6399308
; GENERAL INFORMATION:
;  APPLICANT:  Gonsalves, Dennis
;  APPLICANT:  Meng, Baozhong
;  TITLE OF INVENTION:  RUPESTRIS STEM PITTING ASSOCIATED VIRUS
;  TITLE OF INVENTION:  NUCLEIC ACIDS, PROTEINS, AND THEIR USES
;  FILE REFERENCE:  07678/035006
;  CURRENT APPLICATION NUMBER: US/09/707,780
;  CURRENT FILING DATE:  2000-11-07
;  PRIOR APPLICATION NUMBER:  09/081,320
;  PRIOR FILING DATE:  1998-05-19
;  PRIOR APPLICATION NUMBER:  60/047,147
;  PRIOR FILING DATE:  1997-05-20
;  PRIOR APPLICATION NUMBER:  60/069,902
;  PRIOR FILING DATE:  1997-12-17
;  NUMBER OF SEQ ID NOS:  54
;  SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 11
;   LENGTH: 259
;   TYPE: PRT
;   ORGANISM: Rupestris stem pitting associated virus
US-09-707-780-11

  Query Match             0.6%;  Score 6;  DB 4;  Length 259;
  Best Local Similarity   100.0%;  Pred. No. 8.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     596 SDVGSS 601
           ||||||
Db     112 SDVGSS 117


RESULT 78
US-09-561-366B-12
; Sequence 12, Application US/09561366B
; Patent No. 6399067
; GENERAL INFORMATION:
;  APPLICANT: Goldstein, Gideon
;  TITLE OF INVENTION: Methods and Compositions for Impairing Multiplication of HIV-1
;  FILE REFERENCE: GGP3USA
;  CURRENT APPLICATION NUMBER: US/09/561,366B
;  CURRENT FILING DATE:  2000-04-28
;  NUMBER OF SEQ ID NOS: 39
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
;   LENGTH: 260
;   TYPE: PRT
;   ORGANISM: Human immunodeficiency virus type 1
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (1)..(1)
;   OTHER INFORMATION: Glu is attached to DnaK (HSP70)
US-09-561-366B-12

  Query Match             0.6%;  Score 6;  DB 4;  Length 260;
  Best Local Similarity   100.0%;  Pred. No. 8.8e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
```

```
Qy     528 WKGSKG 533
           ||||||
Db     205 WKGSKG 210


RESULT 79
US-08-088-633-4
; Sequence 4, Application US/08088633
; Patent No. 5324660
;  GENERAL INFORMATION:
;    APPLICANT:  Gleeson, Martin A
;    APPLICANT:  Howard, Bradley D
;    TITLE OF INVENTION:  Genes which Influence Pichia Proteolytic
;    TITLE OF INVENTION:  Activity, and Uses Therefor
;    NUMBER OF SEQUENCES:  6
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fitch, Even, Tabin & Flannery
;      STREET:  135 South LaSalle Street, Suite 900
;      CITY:  Chicago
;      STATE:  Illinois
;      COUNTRY:  U.S.A.
;      ZIP:  60603
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/088,633
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/678,916
;      FILING DATE:  01-APR-1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Reiter, Stephen E
;      REGISTRATION NUMBER:  31192
;      REFERENCE/DOCKET NUMBER:  50848
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (619)552-1311
;      TELEFAX:  (619)552-0095
;      TELEX:  20 6566 PATLAW CGO
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  263 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-088-633-4

  Query Match             0.6%;  Score 6;  DB 1;  Length 263;
  Best Local Similarity   100.0%;  Pred. No. 8.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     990 PRGLLM 995
           ||||||
Db     143 PRGLLM 148


RESULT 80
US-08-245-756-4
; Sequence 4, Application US/08245756
; Patent No. 5541112
;  GENERAL INFORMATION:
;    APPLICANT:  Gleeson, Martin A
;    APPLICANT:  Howard, Bradley D
;    TITLE OF INVENTION:  GENES WHICH INFLUENCE PICHIA PROTEOLYTIC
;    TITLE OF INVENTION:  ACTIVITY, AND USES THEREFOR
;    NUMBER OF SEQUENCES:  6
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
;      STREET:  444 So. Flower Street, Suite 2000
;      CITY:  Los Angeles
;      STATE:  CA
;      COUNTRY:  USA
;      ZIP:  90071
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/245,756
;      FILING DATE:  16-May-1994
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/088,633
;      FILING DATE:  06-JULY-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/678,916
;      FILING DATE:  01-APR-1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Seidman, Stephanie
;      REGISTRATION NUMBER:  33,779
;      REFERENCE/DOCKET NUMBER:  9763
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  619-546-4737
;      TELEFAX:  619-546-9392
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  263 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-245-756-4

  Query Match             0.6%;  Score 6;  DB 1;  Length 263;
  Best Local Similarity   100.0%;  Pred. No. 8.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     990 PRGLLM 995
           ||||||
Db     143 PRGLLM 148


RESULT 81
US-08-276-099A-17
; Sequence 17, Application US/08276099A
; Patent No. 5591825
;  GENERAL INFORMATION:
;    APPLICANT:  McKnight, Steven L
;    APPLICANT:  Hou, Jinzhao
;    TITLE OF INVENTION:  INTERLEUKIN-4 SIGNAL TRANSDUCERS AND
;    TITLE OF INVENTION:  BINDING ASSAYS
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111-4187
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/276,099A
;      FILING DATE:  15-JUL-1994
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Osman, Richard Aron
;      REGISTRATION NUMBER:  36,627
;      REFERENCE/DOCKET NUMBER:  A-59451-1/RAO
;    TELECOMMUNICATION INFORMATION:
```

; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 263 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-276-099A-17

Query Match 0.6%; Score 6; DB 1; Length 263;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 783 ELFHLE 788
||||||
Db 119 ELFHLE 124

RESULT 82
US-08-441-750-4
; Sequence 4, Application US/08441750
; Patent No. 5691166
; GENERAL INFORMATION:
; APPLICANT: Gleeson, Martin A
; APPLICANT: Howard, Bradley D
; TITLE OF INVENTION: GENES WHICH INFLUENCE PICHIA PROTEOLYTIC
; TITLE OF INVENTION: ACTIVITY, AND USES THEREFOR
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Martin, Haller & McClain
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,750
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,756
; FILING DATE: 16-May-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/088,633
; FILING DATE: 06-JULY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/678,916
; FILING DATE: 01-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 9763
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-238-0999
; TELEFAX: 619-238-0062
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 263 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-441-750-4

Query Match 0.6%; Score 6; DB 1; Length 263;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 990 PRGLLM 995
||||||
Db 143 PRGLLM 148

RESULT 83
US-08-781-890-17
; Sequence 17, Application US/08781890
; Patent No. 5710266
; GENERAL INFORMATION:
; APPLICANT: McKnight, Steven L
; APPLICANT: Hou, Jinzhao
; TITLE OF INVENTION: INTERLEUKIN-4 SIGNAL TRANSDUCERS AND
; TITLE OF INVENTION: BINDING ASSAYS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,890
; FILING DATE: 05-JAN-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/276,099
; FILING DATE: 15-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard Aron
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: A-59451-1/RAO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 263 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-781-890-17

Query Match 0.6%; Score 6; DB 1; Length 263;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 783 ELFHLE 788
||||||
Db 119 ELFHLE 124

RESULT 84
US-08-441-751-4
; Sequence 4, Application US/08441751
; Patent No. 5831053
; GENERAL INFORMATION:
; APPLICANT: Gleeson, Martin A
; APPLICANT: Howard, Bradley D
; TITLE OF INVENTION: GENES WHICH INFLUENCE PICHIA PROTEOLYTIC
; TITLE OF INVENTION: ACTIVITY, AND USES THEREFOR
; NUMBER OF SEQUENCES: 6

```
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Brown, Martin, Haller & McClain
;       STREET:  1660 Union Street
;       CITY:  San Diego
;       STATE:  California
;       COUNTRY:  USA
;       ZIP:  92101-2926
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/441,751
;       FILING DATE:
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/245,756
;       FILING DATE:  16-May-1994
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/088,633
;       FILING DATE:  06-JULY-1993
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  07/678,916
;       FILING DATE:  01-APR-1991
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Seidman, Stephanie
;       REGISTRATION NUMBER:  33,779
;       REFERENCE/DOCKET NUMBER:  9763
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  619-238-0999
;       TELEFAX:  619-238-0062
;   INFORMATION FOR SEQ ID NO:  4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  263 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-441-751-4

  Query Match              0.6%;  Score 6;  DB 2;  Length 263;
  Best Local Similarity   100.0%;  Pred. No. 8.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     990 PRGLLM 995
           ||||||
Db     143 PRGLLM 148


RESULT 85
US-08-634-924B-2
; Sequence 2, Application US/08634924B
; Patent No. 5834419
;  GENERAL INFORMATION:
;    APPLICANT:  McFADDEN, GRANT
;    APPLICANT:  LUCAS, ALEXANDRA
;    TITLE OF INVENTION:  CHEMOKINE BINDING PROTEIN AND METHODS OF
;    TITLE OF INVENTION:  USE THEREFOR
;    NUMBER OF SEQUENCES:  2
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson
;      STREET:  4225 Executive Square, Suite 1400
;      CITY:  La Jolla
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  92037
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/634,924B
;      FILING DATE:  19-APR-1996
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/424,850
;      FILING DATE:  19-APR-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Haile, Ph.D., Lisa A.,
;      REGISTRATION NUMBER:  38,347
;      REFERENCE/DOCKET NUMBER:  PD-3675
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (619) 455-5100
;      TELEFAX:  (619) 455-5110
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  263 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-634-924B-2

  Query Match              0.6%;  Score 6;  DB 2;  Length 263;
  Best Local Similarity   100.0%;  Pred. No. 8.9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     321 SSSCNV 326
           ||||||
Db      59 SSSCNV 64


RESULT 86
PCT-US92-02521-4
; Sequence 4, Application PC/TUS9202521
;  GENERAL INFORMATION:
;    APPLICANT:  Gleeson, Martin A
;    APPLICANT:  Howard, Bradley D
;    TITLE OF INVENTION:  GENES WHICH INFLUENCE PICHIA PROTEOLYTIC
;    TITLE OF INVENTION:  ACTIVITY, AND USES THEREFOR
;    NUMBER OF SEQUENCES:  6
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fitch, Even, Tabin & Flannery
;      STREET:  135 South LaSalle Street, Suite 900
;      CITY:  Chicago
;      STATE:  Illinois
;      COUNTRY:  U.S.A.
;      ZIP:  60603
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US92/02521
;      FILING DATE:  19920321
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  07/678,916
;      FILING DATE:  01-APR-1991
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Seidman, Stephanie
;      REGISTRATION NUMBER:  33,779
;      REFERENCE/DOCKET NUMBER:  50848PCT
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (619)552-1311
;      TELEFAX:  (619)552-0095
;      TELEX:  20 6566 PATLAW CGO
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  263 amino acids
;      TYPE:  AMINO ACID
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US92-02521-4
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Query Match 0.6%; Score 6; DB 5; Length 263;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 990 PRGLLM 995
||||||
Db 143 PRGLLM 148

RESULT 87
US-08-152-019A-39
; Sequence 39, Application US/08152019A
; Patent No. 5565331
; GENERAL INFORMATION:
; APPLICANT: Tessier-Lavigne, Marc
; APPLICANT: Serafini, Tito
; APPLICANT: Kennedy, Timothy
; APPLICANT: Placzek, Marysia
; APPLICANT: Jessell, Thomas
; APPLICANT: Dodd, Jane
; TITLE OF INVENTION: NEURAL AXON OUTGROWTH MODULATORS
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,019A
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Osman, Richard Aron
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: A-59012/RAO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299 FHT UR
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 264 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-152-019A-39

Query Match 0.6%; Score 6; DB 1; Length 264;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 439 SGINFE 444
||||||
Db 209 SGINFE 214

RESULT 88
US-08-845-161A-6
; Sequence 6, Application US/08845161A
; Patent No. 5976850
; GENERAL INFORMATION:
; APPLICANT: Lathe, Richard
; APPLICANT: Rose, Kenneth A.
; APPLICANT: Stapleton, Genevieve
; TITLE OF INVENTION: HIPPOCAMPUS-ASSOCIATED PROTEINS; DNA
; TITLE OF INVENTION: SEQUENCES CODING THEREFOR AND USED THEREOF
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 No. 5976850th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/845,161A
; FILING DATE: 21-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB95/02465
; FILING DATE: 18-OCT-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9421093.7
; FILING DATE: 19-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 604-408
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 266 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-845-161A-6

Query Match 0.6%; Score 6; DB 2; Length 266;
Best Local Similarity 100.0%; Pred. No. 9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 198 SSIIFE 203
||||||
Db 99 SSIIFE 104

RESULT 89
US-09-270-751-6
; Sequence 6, Application US/09270751
; Patent No. 6184350
; GENERAL INFORMATION:
; APPLICANT: Lathe, Richard
; Rose, Kenneth A.
; Stapleton, Genevieve
; TITLE OF INVENTION: HIPPOCAMPUS-ASSOCIATED PROTEINS; DNA
; SEQUENCES CODING THEREFOR AND USED THEREOF
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 No. 6184350th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

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;              APPLICATION NUMBER: US/09/270,751
;              FILING DATE: 17-Apr-2000
;              CLASSIFICATION: <Unknown>
;         PRIOR APPLICATION DATA:
;              APPLICATION NUMBER: PCT/GB95/02465
;              FILING DATE: 18-OCT-1995
;              APPLICATION NUMBER: GB 9421093.7
;              FILING DATE: 19-OCT-1994
;         ATTORNEY/AGENT INFORMATION:
;              NAME: Wilson, Mary J.
;              REGISTRATION NUMBER: 32,955
;              REFERENCE/DOCKET NUMBER: 604-408
;         TELECOMMUNICATION INFORMATION:
;              TELEPHONE: 703-816-4000
;              TELEFAX: 703-816-4100
;    INFORMATION FOR SEQ ID NO: 6:
;         SEQUENCE CHARACTERISTICS:
;              LENGTH: 266 amino acids
;              TYPE: amino acid
;              TOPOLOGY: linear
;         MOLECULE TYPE: protein
;         SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-270-751-6

  Query Match             0.6%;  Score 6;  DB 4;  Length 266;
  Best Local Similarity   100.0%;  Pred. No. 9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     198 SSIIFE 203
           ||||||
Db      99 SSIIFE 104


RESULT 90
US-09-168-218B-6
; Sequence 6, Application US/09168218B
; Patent No. 6420353
; GENERAL INFORMATION:
;  APPLICANT:  LATHE, RICHARD F.
;  APPLICANT:  ROSE, KENNETH A.
;  APPLICANT:  SECKL, JOHNATHAN R.
;  APPLICANT:  BEST, RUTH
;  APPLICANT:  YAU, JOYCE L.W.
;  APPLICANT:  LECKIE, CAROLINE M.
;  TITLE OF INVENTION:  NEUROSTEROIDS
;  FILE REFERENCE:  604-460
;  CURRENT APPLICATION NUMBER: US/09/168,218B
;  CURRENT FILING DATE:  1998-10-08
;  PRIOR APPLICATION NUMBER:  9607289.7
;  PRIOR FILING DATE:  1996-04-09
;  PRIOR APPLICATION NUMBER:  9608445.5
;  PRIOR FILING DATE:  1996-04-24
;  PRIOR APPLICATION NUMBER:  9704905.0
;  PRIOR FILING DATE:  1997-03-10
;  PRIOR APPLICATION NUMBER:  PCT/GB97/00955
;  PRIOR FILING DATE:  1997-04-04
;  NUMBER OF SEQ ID NOS:  6
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 6
;   LENGTH: 266
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-168-218B-6

  Query Match             0.6%;  Score 6;  DB 4;  Length 266;
  Best Local Similarity   100.0%;  Pred. No. 9e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     198 SSIIFE 203
           ||||||
Db      99 SSIIFE 104


RESULT 91
US-08-557-128-4
; Sequence 4, Application US/08557128
; Patent No. 5849524
;  GENERAL INFORMATION:
;    APPLICANT:  KONDO, Keiji
;    APPLICANT:  KAJIWARA, Susumu
;    APPLICANT:  MISAWA, No. 5849524ihiko
;    TITLE OF INVENTION:  TRANSFORMATION SYSTEMS FOR THE YEAST
;    TITLE OF INVENTION:  CANDIDA UTILIS AND THE EXPRESSION OF HETEROLOGOUS GENES
;    TITLE OF INVENTION:  THEREWITH
;    NUMBER OF SEQUENCES:  40
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Foley & Lardner
;      STREET:  3000 K Street, N.W., Suite 500
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20007-5109
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM·PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/557,128
;      FILING DATE:  25-JAN-1996
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  WO PCT/JP95/01005
;      FILING DATE:  25-MAY-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 7-129287
;      FILING DATE:  28-APR-1995
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 6-285823
;      FILING DATE:  26-OCT-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 6-135015
;      FILING DATE:  25-MAY-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BENT, Stephen A.
;      REGISTRATION NUMBER:  29,768
;      REFERENCE/DOCKET NUMBER:  49441/108
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202)672-5300
;      TELEFAX:  (202)672-5399
;      TELEX:  904136
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  267 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-557-128-4

  Query Match             0.6%;  Score 6;  DB 2;  Length 267;
  Best Local Similarity   100.0%;  Pred. No. 9.1e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     990 PRGLLM 995
           ||||||
Db     145 PRGLLM 150


RESULT 92
US-09-242-690A-36
; Sequence 36, Application US/09242690A
; Patent No. 6284534
; GENERAL INFORMATION:
;  APPLICANT: KONDO, KEIJI
;  APPLICANT:  MIURA, YUTAKA
;  TITLE OF INVENTION: YEAST VECTOR AND METHOD OF PRODUCING PROTEINS USING THE
```

```
;  TITLE OF INVENTION:  SAME
;  FILE REFERENCE: 049441/0118
;  CURRENT APPLICATION NUMBER: US/09/242,690A
;  CURRENT FILING DATE:  1999-02-23
;  PRIOR APPLICATION NUMBER: PCT/JP97/02924
;  PRIOR FILING DATE: 1997-08-22
;  PRIOR APPLICATION NUMBER: JP 8/241062
;  PRIOR FILING DATE: 1996-08-23
;  NUMBER OF SEQ ID NOS: 66
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
;   LENGTH: 267
;   TYPE: PRT
;   ORGANISM: Candida utilis
US-09-242-690A-36

  Query Match             0.6%;  Score 6;  DB 4;  Length 267;
  Best Local Similarity   100.0%;  Pred. No. 9.1e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     990 PRGLLM 995
           ||||||
Db     145 PRGLLM 150


RESULT 93
US-08-969-415-4
; Sequence 4, Application US/08969415
; Patent No. 6410303
;  GENERAL INFORMATION:
;    APPLICANT:  TAKANO, Hiroyuki
;    APPLICANT:  HINO, Akihiro
;    APPLICANT:  IYO, Chie
;    APPLICANT:  SUZUKI, Yasuo
;    APPLICANT:  NAKAJIMA, Ryoichi
;    TITLE OF INVENTION:  FROZEN DOUGH-RESISTANT, PRACTICAL
;    TITLE OF INVENTION:  BAKER'S YEAST
;    NUMBER OF SEQUENCES:  4
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK, P.L.L.C.
;      STREET:  419 7th Street N.W., Ste. 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/969,415
;      FILING DATE:  21-OCT-1997
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  JP 08-297886
;      FILING DATE:  23-OCT-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  NEIMARK, Sheridan
;      REGISTRATION NUMBER:  20,520
;      REFERENCE/DOCKET NUMBER:  TAKANO=9
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 628-5197
;      TELEFAX:  (202) 737-3528
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  267 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-969-415-4

  Query Match             0.6%;  Score 6;  DB 4;  Length 267;
  Best Local Similarity   100.0%;  Pred. No. 9.1e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     990 PRGLLM 995
           ||||||
Db     144 PRGLLM 149


RESULT 94
US-09-651-656-7
; Sequence 7, Application US/09651656
; Patent No. 6340566
; GENERAL INFORMATION:
;  APPLICANT:  McCUTHEN-MALONEY, SANDRA
;  APPLICANT:  LAWRENCE LIVERMORE NATIONAL LABORATORY
;  TITLE OF INVENTION:  DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
;  TITLE OF INVENTION:  POLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTATIONS,
;  TITLE OF INVENTION:  DNA DAMAGE AND DNA MISMATCHES
;  FILE REFERENCE:  IL-10689
;  CURRENT APPLICATION NUMBER: US/09/651,656
;  CURRENT FILING DATE:  2000-08-29
;  PRIOR APPLICATION NUMBER:  60/192,764
;  PRIOR FILING DATE:  2000-03-28
;  NUMBER OF SEQ ID NOS:  106
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 7
;   LENGTH: 273
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-651-656-7

  Query Match             0.6%;  Score 6;  DB 4;  Length 273;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     950 LKDCDL 955
           ||||||
Db     150 LKDCDL 155


RESULT 95
US-09-650-855-7
; Sequence 7, Application US/09650855
; Patent No. 6365355
; GENERAL INFORMATION:
;  APPLICANT:  McCUTHEN-MALONEY, SANDRA
;  APPLICANT:  LAWRENCE LIVERMORE NATIONAL LABORATORY
;  TITLE OF INVENTION:  CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
;  TITLE OF INVENTION:  MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
;  TITLE OF INVENTION:  MISMATCHES
;  FILE REFERENCE:  IL-10284
;  CURRENT APPLICATION NUMBER: US/09/650,855
;  CURRENT FILING DATE:  2000-08-29
;  PRIOR APPLICATION NUMBER:  60/192,764
;  PRIOR FILING DATE:  2000-03-28
;  NUMBER OF SEQ ID NOS:  106
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 7
;   LENGTH: 273
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-650-855-7

  Query Match             0.6%;  Score 6;  DB 4;  Length 273;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     950 LKDCDL 955
           ||||||
Db     150 LKDCDL 155


RESULT 96
```

```
US-09-091-097-12
; Sequence 12, Application US/09091097
; Patent No. 6432407
;  GENERAL INFORMATION:
;    APPLICANT:  TAKESAKO, KAZUTOH
;    APPLICANT:  OKADO, TAKASHI
;    APPLICANT:  YAGIHARA, TOMOKO
;    APPLICANT:  KURODA, MASANOBU
;    APPLICANT:  ONISHI, YOSHIMI
;    APPLICANT:  KATO, IKUNOSHIN
;    APPLICANT:  AKIYAMA, KAZUO
;    APPLICANT:  YASUEDA, HIROSHI
;    APPLICANT:  YAMAGUCHI, HIDEYO
;    TITLE OF INVENTION:  ANTIGENIC PROTEIN ORGINATING IN
;    TITLE OF INVENTION:  MALASSEZIA
;    NUMBER OF SEQUENCES:  58
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BIRCH, STEWART, KOLASCH & BIRCH, LLP
;      STREET:  PO BOX 747
;      CITY:  FALLS CHURCH
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22040-0747
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/091,097
;      FILING DATE:
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  WEINER, MARC S.
;      REGISTRATION NUMBER:  32,181
;      REFERENCE/DOCKET NUMBER:  1422-0346P
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-205-8000
;      TELEFAX:  703-205-8050
;  INFORMATION FOR SEQ ID NO:  12:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  273 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-091-097-12

  Query Match             0.6%;  Score 6;  DB 4;  Length 273;
  Best Local Similarity   100.0%;  Pred. No. 9.2e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     363 DLEGAV 368
           ||||||
Db      18 DLEGAV 23


RESULT 97
US-09-250-677-2
; Sequence 2, Application US/09250677
; Patent No. 6251631
; GENERAL INFORMATION:
;  APPLICANT: Burnham, Martin Karl Russel
;  APPLICANT: Biswas, Sanjoy
;  APPLICANT: Chalker, Alison Francis
;  APPLICANT: Ingraham, Karen Anne
;  APPLICANT: Traini, Christopher Michael
;  APPLICANT: Warren, Patrick Vernon
;  TITLE OF INVENTION: nadE
;  FILE REFERENCE: GM10197
;  CURRENT APPLICATION NUMBER: US/09/250,677
;  CURRENT FILING DATE: 1999-02-16
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
;   LENGTH: 274
;   TYPE: PRT
;   ORGANISM: Streptococcus pneumoniae
US-09-250-677-2

  Query Match             0.6%;  Score 6;  DB 4;  Length 274;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     632 PYGVQA 637
           ||||||
Db      84 PYGVQA 89


RESULT 98
US-08-846-762-7
; Sequence 7, Application US/08846762A
; Patent No. 5994072
; GENERAL INFORMATION:
;  APPLICANT: Lam, Joseph S.
;  APPLICANT: Burrows, Lori
;  APPLICANT: Charter, Deborah
;  APPLICANT: de Kievit, Teresa
;  TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
;  TITLE OF INVENTION: of O-Antigen in Pseudomonas Aeruginosa
;  FILE REFERENCE: 6580-089
;  CURRENT APPLICATION NUMBER: US/08/846,762A
;  CURRENT FILING DATE: 1997-04-30
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
;   LENGTH: 276
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-08-846-762-7

  Query Match             0.6%;  Score 6;  DB 2;  Length 276;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     515 VGVNSR 520
           ||||||
Db     224 VGVNSR 229


RESULT 99
US-08-846-762-77
; Sequence 77, Application US/08846762A
; Patent No. 5994072
; GENERAL INFORMATION:
;  APPLICANT: Lam, Joseph S.
;  APPLICANT: Burrows, Lori
;  APPLICANT: Charter, Deborah
;  APPLICANT: de Kievit, Teresa
;  TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
;  TITLE OF INVENTION: of O-Antigen in Pseudomonas Aeruginosa
;  FILE REFERENCE: 6580-089
;  CURRENT APPLICATION NUMBER: US/08/846,762A
;  CURRENT FILING DATE: 1997-04-30
;  NUMBER OF SEQ ID NOS: 100
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 77
;   LENGTH: 276
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-08-846-762-77

  Query Match             0.6%;  Score 6;  DB 2;  Length 276;
  Best Local Similarity   100.0%;  Pred. No. 9.3e+02;
  Matches    6;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     515 VGVNSR 520
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Db 224 VGVNSR 229

RESULT 100
US-09-149-476-454
; Sequence 454, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: PZ002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
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